

# PUBLIC HEALTH REPORTS

VOL. 53

FEBRUARY 4, 1938

NO. 5

## MORTALITY FROM CERTAIN CAUSES DURING THE FIRST 9 MONTHS OF 1937<sup>1</sup>

The mortality rates presented in the accompanying table are based upon preliminary reports from the State departments of health of 39 States, the District of Columbia, and Hawaii. For 21 States and the District of Columbia comparative data are shown for the 3 immediately preceding years, 1934-36.

Because of lack of uniformity in the method of classifying deaths according to cause, and because a number of death certificates were not filed in time to be included, these mortality rates are preliminary and are intended to serve as an index of current mortality conditions only within the same area for which previous reports are available. The mortality rates of one State are not strictly comparable with those of another, owing to the varying practices in tabulation procedure in the different States and to the fact that crude rates are affected by differences in the age, sex, and racial characteristics of the populations concerned.

The low mortality rates recorded during the second quarter of 1937 continued throughout the third quarter so that the mortality from all causes, 11.1 per 1,000 population, for the first 9 months of 1937 was 6 percent less than that for the same period in 1936. This improvement in mortality conditions was shared in by 20 of the 26 States (including the District of Columbia) for which comparative data are available.

Only five causes or groups of causes of death show an increase over last year, viz, whooping cough, poliomyelitis, influenza, cancer, and diabetes. The increase in the death rate from cancer and diabetes was negligible (about 1 percent). Influenza, the other important cause with a higher death rate, took about 40 percent more lives than during the corresponding period of 1936.

Of the communicable diseases of childhood, whooping cough and poliomyelitis had death rates which were two and three times, respectively, the corresponding rates for the third quarter of 1936. The mortality from whooping cough has been fairly high since January 1937, but the excess mortality from poliomyelitis occurred only during the third quarter of the year.

<sup>1</sup> From the Division of Public Health Methods, National Institute of Health.

All of the other causes of death reported in table 1 show death rates which are lower than, or equal to, the corresponding rates reported in 1936. In addition, all of the important causes of death except heart disease, pneumonia, and cerebral hemorrhage have the lowest rates reported for the past 4 years.

The downward trend in the death rate from tuberculosis, which was practically checked in 1936, has continued during the first 9 months of 1937. The death rate for the current period, 50.7 per 100,000 population, is about 2 percent less than that for last year.

One of the most encouraging aspects of the current mortality record is the continued decline in the number of deaths associated with pregnancy and childbirth. The number of puerperal deaths per 1,000 live births is 15 percent less than the rate for 1936 and 23 percent less than the rate for 1934. If the last 3 months of 1937 have as favorable a record as the first 9, 1937 will be the ninth consecutive year in which a decline in maternal mortality has been recorded.

The infant mortality rate, 50 per 1,000 live births, is the lowest recorded for this group of States and represents a decline of 2 percent from 1936.

Present reports indicate that the birth rate for 1937 will be at least as large as it was in 1936. The rate for the current period is 16.0 per 1,000 population as compared with 15.9 for 1936.

Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years

State and period	Death rate per 100,000 population (annual basis)															All causes, rate per 1,000 population (annual basis)						
	Rate per 1,000 live births		Death rate per 100,000 population (annual basis)														Births (exclusive of stillbirths) per 1,000 population (annual basis)					
	Maternal mortality	Total infant mortality	Typhoid fever (1, 2)	Measles (7)	Scarlet fever (8)	Whooping cough (9)	Diphtheria (10)	Influenza (11)	Acute poliomyelitis and polioencephalitis (16)	Rheophallitis, epidemic or lethargic (17)	Epidemic cerebrospinal meningitis (18)	Tuberculosis, all forms (23-32)	Cancer, all forms (45-53)	Diabetes (59)	Cerebral hemorrhage, apoplexy (82a, b)			Diseases of the heart (90-95)	Pneumonia, all forms (107-109)	Diseases of the digestive system (116-126)	Diarrhea and enteritis under 2 years (119)	Nephritis (130-132)
January-September: 1937	4.4	50	1.3	0.7	1.7	3.0	1.2	29.4	0.9	0.6	1.6	50.7	118.2	26.5	81.4	275.2	83.0	65.0	7.5	78.8	74.3	25.6
1936	5.2	51	1.5	0.7	2.3	1.8	1.4	10.9	.3	.6	2.4	51.6	116.2	26.4	88.7	276.0	83.4	67.5	7.7	82.6		
1935	5.4	53	1.7	3.8	2.4	3.6	1.7	20.6	.7	.6	2.2	51.8	118.8	24.2	83.2	253.0	82.2	66.6	7.2	80.8		
1934	5.7	58	2.2	4.8	2.1	4.6	1.7	14.4	.6	.7	.9	53.1	112.1	24.5	78.6	250.6	79.7	71.5	10.0	84.8		
January-March: 1937	5.2	61	.6	.7	2.9	2.9	1.7	68.1	.2	.7	2.4	53.5	118.0	31.3	91.1	317.3	143.7	60.5	4.1	87.9	66.8	23.0
1936	5.7	58	.8	.8	3.6	2.0	2.0	36.0	.2	.6	3.4	53.0	115.9	30.7	96.6	314.6	142.1	62.6	4.8	92.7		
1935	6.0	63	.8	4.8	3.2	3.6	2.3	43.6	.2	.6	2.4	53.9	111.4	27.5	91.0	283.0	127.1	63.3	4.2	87.8		
1934	6.0	63	.9	5.7	3.3	3.9	2.4	27.2	.3	.6	.9	54.6	109.7	27.7	86.1	284.0	122.0	64.2	5.7	93.7		
April-June: 1937	4.4	48	.8	1.1	1.8	2.6	1.0	17.1	.2	.6	1.6	52.0	117.9	25.1	81.2	272.6	72.4	63.7	6.5	80.7	72.4	24.0
1936	5.2	52	1.0	1.0	2.8	1.8	1.1	22.4	.1	.6	2.8	52.8	116.7	26.0	87.9	278.0	86.7	64.5	5.7	83.8		
1935	5.5	53	1.2	6.0	3.0	4.8	1.4	14.1	.2	.8	2.8	54.2	116.5	23.8	84.5	258.3	84.2	67.3	7.5	82.9		
1934	6.2	59	1.7	7.5	2.4	5.2	1.4	12.1	.4	.6	1.0	55.9	114.0	24.9	79.4	253.2	81.6	70.6	8.2	87.2		
July-September: 1937	4.3	43	2.5	.4	.4	3.6	1.0	3.6	2.2	.6	.8	46.6	118.8	23.1	72.1	238.8	33.9	70.7	11.8	68.2	83.6	28.7
1936	4.7	45	4.7	.3	.7	1.7	1.1	4.5	.7	.6	1.1	49.1	116.1	22.7	79.6	241.8	36.9	75.5	12.5	71.5		
1935	4.7	43	3.1	.7	.9	2.5	1.1	4.4	1.6	.6	1.4	47.6	113.8	21.4	74.5	218.4	36.4	69.1	9.9	71.0		
1934	5.0	52	4.0	1.4	.8	4.8	1.4	4.4	1.0	.9	.6	48.8	112.5	21.1	70.4	215.5	38.4	79.5	16.0	76.6		

<sup>1</sup> Data not compiled for these reports prior to 1937.

<sup>2</sup> States included are Connecticut, District of Columbia, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Montana, Nebraska, New Jersey, New York, Pennsylvania, Rhode Island, South Dakota, Tennessee, Virginia, and Wisconsin (estimated population July 1, 1937, 72,390,000). List includes all of the States with available data for the 4 years covered in this summary.

Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years—Continued

State and period	All causes, rate per 1,000 population (annual basis)		Births (exclusive of stillbirths) per 1,000 population (annual basis)		Rate per 1,000 live births		Death rate per 100,000 population (annual basis)																				
	1937	1936	1937	1936	Total infant mortality	Maternal mortality	Typhoid fever (1, 2)	Measles (7)	Scarlet fever (8)	Whooping cough (9)	Diphtheria (10)	Influenza (11)	Acute polyomyelitis and epidemic parotitis (16)	Encephalitis, epidemic or lethargic (17)	Epidemic cerebrospinal meningitis (18)	Tuberculosis, all forms (23-32)	Cancer, all forms (45-53)	Diabetes (58)	Cerebral hemorrhage, apoplexy (52a, b)	Diseases of the heart (60-65)	Pneumonia, all forms (107-109)	Diseases of the digestive system (115-129)	Diarrhea and enteritis under 2 years (119)	Nephritis (130-132)	All accidents (176-194, 201-214) <sup>1</sup>	Automobile accidents (208, 209, 210)	
<b>JANUARY TO SEPTEMBER</b>																											
Alabama:																											
1937	10.7	21.2	5.9	2.2	0.1	0.3	7.3	2.2	57.3	0.6	0.5	4.0	62.4	57.5	9.8	64.2	150.7	87.9	66.4	17.7	76.6	69.6	21.3				
1936	10.9	21.6	6.6	2.7	.8	.4	2.9	2.8	56.9	1.3	.3	.8	65.5	57.8	12.5	66.6	146.6	104.0	64.7	17.9	78.7						
California:																											
1937	14.3	14.6	5.4	4.4	.9	1.0	5.4	1.9	37.7	.4	.6	2.6	82.4	141.0	29.1	91.2	408.8	111.1	82.2	7.8	89.7	105.3	47.0				
1936	12.8	13.3	5.4	5.0	.9	4.3	2.1	1.8	19.4	.3	.5	2.8	80.9	141.3	25.6	89.6	349.9	81.9	79.3	7.3	86.7						
1935	12.4	13.0	4.7	1.0	1.7	1.2	.9	1.7	12.2	.4	.4	2.2	79.8	137.4	26.3	85.9	334.4	70.6	77.3	5.4	86.2						
Colorado:																											
1937	13.4	18.7	7.0	2.2	.2	2.4	5.5	2.5	61.1	4.4	1.2	3.7	68.1	116.4	16.0	86.1	212.4	184.5	84.1	23.2	80.1	97.5	35.5				
Connecticut:																											
1937	10.2	12.9	4.1	3.0	.2	.8	1.4	1.1	13.9	.4	.4	.8	38.1	125.1	31.5	84.8	231.3	69.8	47.3	3.3	70.2	69.3	22.3				
1936	10.1	12.8	4.2	4.9	.2	.5	.7	1.7	9.4	.2	.2	.9	38.3	124.8	27.2	(1)	230.5	73.6	(1)	(1)	3.0	87.0					
1935	10.2	12.7	4.4	4.6	.9	1.5	.9	1.0	8.8	1.2	.2	.9	42.0	125.5	31.4	(1)	220.2	69.1	(1)	(1)	1.9	86.6					
Delaware:																											
1937	13.6	15.8	6.9	2.6	1.5	(1)	8.2	.5	26.0	.5	(1)	2.0	59.7	114.3	27.0	104.1	351.6	103.6	80.1	9.2	137.3	110.2	39.3				
District of Columbia:																											
1937	13.8	19.2	6.3	1.4	2.7	.6	3.3	2.1	18.9	.6	.8	5.4	90.1	139.1	26.8	96.1	319.9	127.0	76.0	11.6	91.3	78.9	26.7				
1936	14.7	18.8	6.7	2.3	1.5	.4	7.8	4.7	8.6	.4	.9	11.2	108.3	131.6	28.9	102.3	337.1	140.3	80.9	8.6	96.2						
1935	14.4	18.4	6.1	1.8	(1)	1.8	.2	3.4	12.6	1.8	1.1	16.9	106.9	124.3	26.6	97.0	330.2	130.1	93.9	11.0	100.8						
Florida:																											
1937	12.2	16.4	6.1	3.5	3.5	.2	1.1	3.5	38.9	.2	.4	4.9	58.9	92.3	17.9	103.1	231.9	65.2	88.4	11.8	98.6	103.3	39.6				
1936	12.5	15.9	5.9	7.6	2.8	.3	1.1	1.6	50.7	.6	.5	3.1	53.6	84.0	18.4	100.6	235.2	84.8	84.0	8.5	105.2						
1935	12.0	15.9	6.4	7.9	4.1	2.3	1.1	3.3	41.1	.5	.1	.5	54.1	86.7	18.9	92.6	297.2	62.9	90.5	14.1	104.7						
Georgia:																											
1937	10.5	19.4	6.3	7.2	4.7	.2	3.4	4.8	48.3	.6	.2	1.2	50.1	58.1	11.4	80.5	162.2	85.6	69.1	17.3	103.9	72.6	37.8				
1936	11.7	19.6	6.8	7.9	6.5	.2	.4	2.9	68.7	.6	.3	2.3	56.6	64.7	11.9	79.2	175.4	119.6	74.1	17.5	105.3						
1935	10.6	19.3	6.9	7.4	7.8	1.0	.6	3.8	46.7	.5	.2	.8	57.3	62.9	11.9	72.5	158.3	90.9	73.2	17.6	106.6						

Hawaii:	8.3	20.1	70	4.9	1.8	55.2	(1)	1.2	3.3	8.4	.3	3.0	76.7	69.2	16.1	40.6	111.9	91.6	59.7	17.3	65.0	48.6	15.8	
1937	7.9	19.9	71	3.8	2.1	(1)	(1)	.6	2.1	13.1	.3	1.8	77.3	63.6	16.2	44.7	110.5	68.0	63.0	16.8	65.4	-----	-----	
1936	7.7	21.7	67	4.6	1.9	(1)	(1)	.6	2.1	5.7	(1)	.9	74.2	62.3	15.7	44.0	101.3	68.8	62.9	19.8	68.3	-----	-----	
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Idaho:	9.8	21.6	43	3.8	1.6	3.5	1.9	2.7	.8	47.4	.3	1.1	20.4	82.2	12.0	69.7	183.3	76.2	72.7	7.1	37.0	109.5	37.8	
1937	10.5	20.8	45	3.4	2.2	1.9	12.4	1.9	.8	16.0	.6	1.1	6.9	26.2	76.8	13.5	73.5	181.2	98.9	66.1	5.8	-----	-----	
1936	9.9	20.8	33	7.1	2.0	2.5	4.7	8.9	.3	17.3	.8	2.2	4.5	64.2	12.8	65.6	156.3	92.1	60.0	2.2	33.2	-----	-----	
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Illinois:	11.2	14.2	45	4.1	.8	.2	2.3	2.1	2.0	20.8	1.2	.4	1.4	52.0	129.8	27.4	69.9	294.4	71.7	71.6	4.8	95.4	78.3	30.7
1937	10.9	14.0	47	5.1	1.3	4.9	6.0	3.0	2.5	18.0	.4	.5	2.5	52.5	131.6	29.0	70.0	314.3	78.6	72.6	3.8	103.0	-----	
1936	11.9	14.0	47	5.1	1.3	4.9	6.0	3.0	2.5	18.0	.4	.5	2.5	52.5	131.6	29.0	70.0	314.3	78.6	72.6	3.8	103.0	-----	
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Indiana:	11.2	14.4	53	3.8	1.3	4.4	3.1	5.2	1.2	37.9	1.0	.5	1.8	46.1	107.6	14.8	117.7	271.6	92.0	(*)	9.2	63.4	84.7	37.7
1937	12.0	14.3	52	6.1	1.5	2.2	3.4	1.7	2.7	30.7	.3	.7	2.1	48.8	107.9	17.2	130.6	269.9	100.3	(*)	8.4	77.4	102.9	32.5
1936	11.2	14.1	54	5.2	1.4	3.5	3.3	4.9	2.5	27.8	.2	.8	2.8	48.7	112.3	14.4	123.0	261.8	85.9	(*)	6.6	66.7	74.0	30.8
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Iowa:	9.8	15.7	43	4.7	1.7	1.1	4.2	3.5	3	39.0	1.6	.7	1.0	21.0	124.2	20.8	101.6	216.8	64.5	56.1	4.3	59.4	52.2	20.5
1937	10.1	16.8	41	4.1	1.2	1.1	3.3	1.5	.8	19.1	.2	.4	2.0	22.4	122.7	21.6	108.0	234.9	69.5	59.6	3.8	60.6	-----	-----
1936	10.4	16.6	50	5.5	1.3	8.0	2.4	1.9	1.9	24.1	.4	.7	1.9	26.3	126.4	20.8	104.3	226.1	79.1	62.0	4.3	61.9	-----	-----
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Kansas:	10.3	15.0	46	4.4	.7	1.1	4.2	2.7	1.3	40.0	2.0	1.3	1.3	27.0	113.0	22.4	96.3	227.2	63.1	63.1	5.8	85.3	111.4	24.4
1937	11.8	15.6	53	6.0	1.7	.1	4.5	1.0	2.1	53.2	.7	1.1	1.3	30.7	115.7	22.5	103.1	245.6	68.8	74.2	6.4	100.8	-----	-----
1936	10.9	16.5	50	5.1	1.6	16.0	2.1	3.3	1.7	33.1	.3	1.6	2.3	28.7	111.2	21.8	97.0	218.0	84.9	72.6	6.2	92.3	-----	-----
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Kentucky:	10.2	20.1	51	4.0	5.3	3.5	1.4	7.8	3.4	57.3	1.2	.6	2.9	66.6	66.2	10.3	83.1	157.4	89.0	74.5	24.7	63.9	68.7	24.4
1937	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Louisiana:	11.6	20.2	69	8.0	6.5	1.1	.7	7.6	2.8	62.2	.8	.4	1.4	72.3	79.9	16.6	67.4	203.8	101.9	75.7	17.7	101.6	68.9	20.9
1937	12.0	18.5	76	10.1	7.4	2.8	.3	5.0	3.6	55.1	.4	.1	2.1	73.6	76.7	17.6	70.5	196.4	117.5	80.6	17.1	106.7	-----	-----
1936	10.8	18.4	69	8.0	9.9	7.6	.6	2.9	4.5	24.3	.8	.4	.8	73.2	78.0	15.6	65.9	172.8	81.7	82.3	18.0	106.3	-----	-----
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Maine:	13.3	18.4	60	5.1	1.6	.3	.5	2.8	.5	45.0	2.0	.2	.8	31.7	148.3	22.8	123.0	364.1	98.3	58.2	13.2	83.7	67.1	15.7
1937	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Maryland:	13.3	16.6	63	4.1	1.9	.8	6.3	1.4	19.0	1.3	1.0	3.2	86.0	132.2	27.2	110.6	308.5	111.9	72.2	15.1	140.6	92.4	29.7	
1937	13.0	16.4	62	4.8	1.8	.7	4.3	1.3	11.7	(1)	1.6	8.6	82.4	127.8	27.4	112.0	301.4	110.3	66.0	10.9	141.6	-----	-----	
1936	12.7	16.5	61	4.9	2.3	1.5	2.1	3.3	1.1	17.5	.2	1.0	5.2	82.3	129.1	26.3	111.1	299.2	105.3	73.3	14.6	136.0	-----	-----
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Massachusetts:	8.5	(1)	(1)	(1)	.2	.8	1.0	2.3	.3	11.4	.6	.3	1.8	40.9	146.5	33.9	94.1	357.3	100.6	61.9	3.0	71.0	63.5	17.1
1937	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Michigan:	10.9	18.6	50	3.7	.7	.2	3.4	2.9	1.2	21.6	1.2	.2	1.0	45.5	114.0	23.6	86.6	271.4	86.3	67.0	5.8	61.0	91.6	38.7
1937	11.5	18.4	50	5.0	7.7	2.2	2.4	2.3	1.8	12.7	.4	.4	1.3	44.1	116.0	20.1	94.9	279.9	87.7	76.0	9.3	64.1	-----	
1936	10.9	18.5	49	5.1	.7	5.1	2.2	2.9	.8	16.9	.7	.3	1.0	45.3	109.6	23.3	86.9	261.5	83.3	68.6	4.7	62.9	-----	
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Minnesota:	10.1	18.1	41	3.3	.3	1.7	2.5	.4	29.9	1.6	1.0	1.1	35.1	139.7	23.4	86.8	229.0	97.4	56.6	2.8	45.1	74.2	22.1	
1937	10.9	17.2	44	4.3	.6	1.1	5.1	1.0	.4	13.9	.2	.8	1.9	36.6	139.9	26.7	86.6	242.5	81.8	64.3	5.0	48.2	-----	
1936	10.0	16.6	48	4.8	.7	3.2	3.4	2.9	.5	17.7	.4	.8	1.8	35.8	131.0	22.2	83.3	208.1	77.0	64.1	4.0	47.6	-----	
1935	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Missouri:	11.8	13.7	61	5.8	3.6	.4	2.9	4.4	1.9	43.4	1.4	1.0	1.3	57.4	120.4	22.8	93.3	261.6	123.2	62.8	10.4	102.1	80.2	26.1
1937	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* January to June.

† Data not available.

‡ No deaths.

Mortality from certain causes in the first 9 months of 1937, with comparative data for the corresponding period in preceding years—Continued

State and period	All causes, rate per 1,000 population (annual basis)	Births (excluding foetal deaths) per 1,000 population (annual basis)	Rate per 1,000 live births		Death rate per 100,000 population (annual basis)																									
			Total infant mortality	Maternal mortality	Typhoid fever (1, 2)	Measles (7)	Scarlet fever (8)	Whooping cough (9)	Diphtheria (10)	Influenza (11)	Acute poliomyelitis and polioencephalitis (12)	Encephalitis, epidemic or lethargic (17)	Epidemic cerebrospinal meningitis (18)	Tuberculosis, all forms (23-32)	Cancer, all forms (45-53)	Diabetes (59)	Cerebral hemorrhage, apoplexy (82a, b)	Diseases of the heart (90-95)	Pneumonia, all forms (107-109)	Diseases of the digestive system (115-129)	Diphtheria and enteritis under 2 years (119)	Nephritis (130-132)	All accidents (176-194, 201-214)	Automobile accidents (203, 209, 210)						
JANUARY TO SEPTEMBER—continued																														
Montana:																														
1937.....	11.8	19.5	60	3.9	2.8	0.5	2.5	2.8	2.0	69.0	1.2	.8	1.8	44.6	107.5	20.4	93.7	212.5	112.5	72.0	5.0	66.2	110.8	31.0						
1936.....	11.6	19.6	60	3.0	1.8	.8	9.1	4.0	2.5	21.9	.2	.5	4.0	43.3	104.6	22.1	91.6	191.2	113.5	80.1	11.1	73.7								
1935.....	11.7	18.9	60	4.3	1.8	11.8	2.5	6.3	3.0	44.6	.3	1.0	2.3	48.3	96.7	19.1	86.9	201.2	119.1	98.7	6.3	78.1								
Nebraska:																														
1937.....	9.7	16.0	43	4.2	5	4	3.4	2.0	1.0	52.9	3.9	1.0	1.3	20.4	111.2	28.8	86.4	216.8	62.5	63.2	4.2	64.4	23.0							
1936.....	10.2	17.0	44	3.9	.9	1.0	6.6	1.7	1.6	21.3	.8	.5	1.4	112.5	26.8	26.8	93.9	223.3	69.8	73.4	4.6	73.4								
1935.....	9.8	16.7	43	5.6	8.2	2.6	1.2	1.3	26.1	.8	.4	3.5	22.8	105.8	18.9	101.6	186.3	96.3	66.4	66.4	3.8	50.4								
Nevada:																														
1937.....	12.6	15.0	49	8.8	(4)	(4)	2.6	2.6	(4)	11.9	(4)	(4)	(4)	74.1	71.5	11.9	82.1	242.2	127.1	88.2	4.0	41.0	168.8	56.9						
New Jersey:																														
1937.....	10.1	12.6	40	3.3	7	1.6	4	1.2	.5	11.8	.5	.5	1.2	47.7	120.5	30.9	75.6	305.8	69.6	57.2	2.9	71.4	72.5	24.7						
1936.....	10.2	12.4	44	3.9	6	1.4	8	1.4	3	7.8	.2	.8	2.0	51.0	123.0	30.6	80.3	294.7	68.9	58.4	3.6	76.5								
1935.....	10.0	12.8	46	4.5	6	1.7	7	2.5	.9	10.6	.7	.6	.8	50.3	120.8	28.4	70.4	280.7	62.5	56.1	3.5	79.7								
New York:																														
1937.....	12.0	14.6	46	4.0	5	6	8	1.3	.7	11.9	.4	.7	1.3	59.6	149.6	37.5	68.4	361.7	93.1	69.0	6.2	76.7	72.2	21.7						
1936.....	11.9	14.2	46	5.1	6	1.3	1.7	1.0	.5	6.8	.1	.6	2.4	59.7	144.8	35.5	79.1	348.0	91.2	69.8	6.0	78.2								
1935.....	11.6	14.4	49	5.2	5	1.9	1.7	2.8	.8	7.7	1.2	.6	2.4	58.5	142.4	32.6	76.1	317.8	97.3	68.2	6.6	90.5								
North Carolina:																														
1937.....	9.6	22.9	65	5.4	2.6	1.3	.8	4.7	2.8	29.4	.6	.5	1.1	55.7	62.7	10.4	77.3	156.4	83.5	72.6	26.6	83.6	69.7	27.8						
1936.....	10.3	22.4	66	6.5	2.0	2	5.1	2.9	36.9	.5	.5	1.0	1.6	61.9	50.4	11.9	(4)	(4)	106.3	(4)	22.4	(4)	(4)							
1935.....	9.8	23.3	68	6.7	2.3	2.7	5	10.7	2.7	33.4	2.2	.8	.9	57.8	48.9	9.8	(4)	(4)	89.8	(4)	22.5	(4)	(4)							
North Dakota:																														
1937.....	8.0	18.7	53	4.6	2	(4)	1.3	.9	.8	34.5	(4)	.8	2.3	26.1	78.0	7.2	71.0	163.6	68.7	54.2	10.0	33.7	57.6	16.5						
Ohio:																														
1937.....	12.2	15.4	52	5.2	1.1	1.8	2.0	4.9	1.2	38.6	.8	1.0	1.8	52.9	119.0	27.1	110.9	286.7	92.4	69.1	8.2	81.2	96.8	36.8						
1936.....	12.2	15.0	49	5.0	1.8	.9	2.5	2.3	1.2	21.8	.3	1.0	2.5	55.0	126.2	28.4	119.8	285.2	93.8	69.7	5.6	90.2	106.1	30.0						

Oklahoma:	8.7	16.2	59	8.0	4.9	1.3	1.3	2.7	2.5	48.9	2.4	.3	2.3	51.9	72.1	12.8	61.0	130.2	76.7	64.9	11.8	63.7	62.9	24.1	
Oregon:	12.2	15.2	42	3.8	.8	.1	1.0	2.3	.3	37.3	.6	.9	.6	35.6	120.5	22.0	105.8	278.7	67.8	83.2	1.2	106.5	91.7	31.0	
Pennsylvania:	11.2	16.0	51	4.2	1.0	.8	1.6	2.9	.9	31.0	.4	.7	1.4	47.5	115.8	30.8	78.2	297.3	77.7	56.4	6.2	85.0	62.2	20.2	
1936:	11.0	15.8	48	4.6	.8	.4	1.7	1.2	1.2	16.2	.2	.6	1.4	44.7	111.0	28.1	86.2	290.3	80.1	54.5	5.9	82.2	-----	-----	
1935:	10.6	16.1	51	5.1	.8	.2	2.9	2.1	1.5	20.2	.3	.8	1.3	45.9	105.9	26.9	79.8	268.6	81.8	56.3	5.6	83.3	-----	-----	
Rhode Island:	12.4	16.2	48	3.6	.2	.6	1.8	2.9	.4	13.7	(*)	.4	2.7	47.7	157.6	42.6	97.6	369.5	101.7	58.9	4.5	111.7	53.2	17.9	
1936:	11.8	15.2	48	4.0	.2	.6	1.8	1.0	1.0	11.0	(*)	.2	3.5	48.6	138.5	33.3	96.1	351.1	91.8	62.8	4.5	102.2	-----	-----	
1935:	11.5	15.3	48	4.0	.4	1.4	.4	1.2	1.0	10.0	4.3	.2	2.7	50.8	146.9	33.4	93.5	331.0	80.7	66.6	5.5	104.6	-----	-----	
South Carolina:	10.4	19.2	87	8.4	6.8	1.0	.4	4.0	2.1	50.9	.6	.3	1.1	47.8	48.1	11.0	86.8	178.1	93.1	27.9	10.1	88.2	48.0	24.3	
1936:	10.8	19.1	84	8.5	7.1	.6	.4	3.3	2.1	60.0	.8	.2	3.3	52.2	45.4	10.4	96.1	176.6	116.9	36.7	9.0	90.0	-----	-----	
1935:	10.7	19.8	84	9.9	8.9	1.6	.2	10.8	1.7	54.4	.8	.9	1.5	53.1	44.9	10.7	94.2	177.7	87.0	35.8	8.2	92.7	-----	-----	
South Dakota:	9.1	16.8	53	4.4	.4	(*)	3.1	1.7	.6	48.5	.8	1.0	1.4	37.1	82.1	19.7	72.7	164.8	71.1	54.7	4.2	41.9	62.4	15.3	
1937:	9.2	19.1	47	4.3	2.1	4.4	1.7	4.6	1.0	21.8	(*)	.2	(*)	34.7	91.3	22.2	83.6	156.2	67.4	62.7	10.2	63.9	-----	-----	
1936:	9.2	19.3	51	6.3	1.5	5.4	1.7	4.6	1.2	38.5	1.2	.8	.4	40.8	87.3	20.1	78.8	138.5	101.8	60.3	7.0	58.5	-----	-----	
Tennessee:	10.2	16.6	64	6.8	4.7	1.0	.8	4.6	3.3	53.5	1.3	.6	2.6	83.7	65.8	19.7	79.5	155.7	91.7	76.7	19.7	63.6	65.7	22.6	
1937:	11.2	16.2	66	7.2	4.4	1.0	.7	2.4	3.0	61.7	1.4	1.0	4.2	90.2	62.4	11.6	70.0	160.8	120.0	80.7	19.9	68.3	-----	-----	
1936:	10.7	17.3	66	6.9	5.9	1.7	.6	16.4	3.9	42.4	.8	.5	4.0	83.7	64.1	11.2	74.6	138.6	89.2	78.2	20.0	61.3	-----	-----	
Utah:	9.5	24.1	39	3.6	1.0	.8	1.6	3.4	1.3	27.9	1.6	1.0	1.3	21.2	92.3	20.4	55.1	229.6	64.1	68.3	2.8	58.6	89.7	33.6	
1937:	11.2	14.5	48	8.9	1.4	(*)	.3	1.0	.7	37.0	.7	(*)	.7	50.6	138.2	21.6	112.8	322.9	98.4	62.7	3.5	72.3	67.7	15.4	
Vermont:	10.8	18.5	66	5.1	1.9	2.9	.3	8.8	2.3	44.8	.4	.7	4.6	62.2	71.6	15.4	87.3	219.2	98.6	54.7	14.3	83.3	67.1	26.0	
Virginia:	11.3	18.2	62	6.1	2.3	1.2	.4	4.3	2.4	40.7	.4	.4	8.7	67.5	70.2	15.7	94.5	233.6	92.6	55.6	9.9	83.4	-----	-----	
1936:	10.9	19.3	66	6.2	2.4	6.6	1.0	9.0	3.0	40.7	1.9	.6	3.9	71.2	71.3	13.1	93.1	210.5	73.3	57.4	12.3	86.9	-----	-----	
Washington:	11.5	14.8	40	5.1	.8	1.0	1.0	1.3	1.0	30.0	.5	2.0	1.4	47.5	130.8	23.9	103.2	290.4	70.6	54.8	2.3	75.0	97.5	31.5	
1937:	11.7	14.2	43	5.3	.8	2.7	1.6	.7	1.2	28.9	.8	2.0	1.7	50.4	132.2	24.5	104.0	272.8	70.4	65.3	2.4	73.4	-----	-----	
1936:	11.2	14.0	44	5.7	.8	1.6	1.3	2.2	.8	17.1	.7	2.0	2.2	52.2	133.2	21.9	99.1	268.2	52.6	65.3	3.2	73.9	-----	-----	
Wisconsin:	11.2	18.1	44	5.0	.4	.1	2.6	1.8	.7	51.0	1.0	.5	.8	36.2	135.2	26.1	91.9	290.3	69.5	(*)	4.6	71.0	83.9	27.6	
1936:	11.5	17.8	47	4.4	.4	.8	5.1	1.6	.4	14.8	(*)	1.0	1.0	37.0	133.6	29.1	100.7	291.5	72.4	(*)	6.0	71.3	-----	-----	
1935:	10.4	17.6	46	3.9	.2	3.2	4.0	1.9	.5	22.2	.2	1.0	1.4	37.7	129.4	25.7	88.4	252.4	64.5	(*)	4.9	66.4	-----	-----	
Wyoming:	10.9	19.3	54	3.8	.6	.6	5.1	5.1	(*)	68.8	4.0	1.7	2.8	18.8	73.7	9.1	82.8	261.1	125.1	74.8	14.3	31.4	136.0	53.7	
1937:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* Data not available.  
 † No des.hs.  
 ‡ January to August.

## NATALITY AND MORTALITY DATA, BY STATES, FOR 1936 AND SUMMARIES FOR EACH YEAR SINCE THE ESTABLISHMENT OF THE BIRTH AND DEATH REGISTRATION AREAS

Table 1<sup>1</sup> presents the natality and mortality data for the United States by States, for 1936 and a comparison with 1935. The birth and death rates are births and deaths per 1,000 population.

The high death rates evidenced in Arizona, New Mexico, and Nevada are due, in large measure, to an excess in the number of non-resident deaths from tuberculosis; while those in the New England area result, for the most part, from the relatively advanced age of the population. The variations in the birth rates are due to a combination of biological and social factors, such as race, age of population, and fertility.

Table 2<sup>1</sup> gives a summary of the natality, general mortality, and infant mortality data for the birth and death registration areas for each year since 1920. Prior to 1933 the registration areas did not include all States, nor did the birth and death areas include the same group of States. For this reason the data for the two areas are tabulated separately.

Both the birth and the death rates have declined in the last 15 years; but especially worthy of note is the infant mortality rate, which has dropped almost one-third during that period.

TABLE 1.—*Summary of natality and mortality data for each State, 1935 and 1936*

Area	Estimated population July 1		Total births		Total deaths		Rate per 1,000 estimated population			
	1936	1935	1936	1935	1936	1935	Births		Deaths	
							1936	1935	1936	1935
United States.....	128,429,000	127,521,000	2,144,790	2,155,105	1,479,228	1,392,752	16.7	16.9	11.5	10.9
Alabama.....	2,854,600	2,834,000	60,116	62,239	31,153	28,685	21.0	22.6	10.9	10.1
Arizona.....	406,000	406,000	9,545	9,139	6,551	6,077	23.5	22.5	16.1	15.0
Arkansas.....	2,023,000	1,999,000	33,520	35,684	18,465	16,176	16.6	17.9	9.1	8.1
California.....	6,059,000	5,997,000	84,502	80,131	76,094	72,456	13.9	13.4	12.6	12.1
Colorado.....	1,066,000	1,062,000	18,279	18,837	13,674	13,134	17.1	17.7	12.8	12.4
Connecticut.....	1,734,000	1,717,000	22,228	22,258	17,866	17,659	12.8	13.0	10.3	10.3
Delaware.....	259,000	256,000	3,922	4,036	3,317	3,208	15.1	15.8	12.8	12.5
District of Columbia.....	619,000	594,000	11,704	10,803	9,094	8,483	18.9	18.2	14.7	14.3
Florida.....	1,642,000	1,614,000	28,097	28,051	20,953	20,046	17.1	17.4	12.8	12.4
Georgia.....	3,060,000	3,035,000	61,658	63,260	37,263	34,288	20.1	20.8	12.2	11.3
Idaho.....	435,000	479,000	10,224	9,469	5,014	4,531	21.1	19.8	10.3	9.5
Illinois.....	7,845,000	7,817,000	112,167	111,884	92,806	85,618	14.3	14.3	11.8	10.9
Indiana.....	3,459,000	3,429,000	54,034	52,909	42,470	39,615	15.6	15.4	12.3	11.5
Iowa.....	2,543,000	2,534,000	42,715	41,137	28,432	28,364	16.8	16.2	11.2	10.4
Kansas.....	1,886,000	1,878,000	29,998	30,589	21,674	20,334	15.9	16.3	11.5	10.8
Kentucky.....	2,883,000	2,846,000	55,778	57,715	32,378	29,370	19.3	20.8	11.2	10.8

<sup>1</sup> Vital Statistics—Special Reports, vol. 5, No. 11, pp. 29 and 30. Bureau of the Census, Department of Commerce, Jan. 25, 1938.

TABLE 1.—Summary of natality and mortality data for each State, 1935 and 1936—Continued

Area	Estimated population July 1		Total births		Total deaths		Rate per 1,000 estimated population			
	1936	1935	1936	1935	1936	1935	Births		Deaths	
							1936	1935	1935	1935
Louisiana.....	2,122,000	2,120,000	43,828	42,270	25,974	23,711	20.7	19.9	12.2	11.2
Maine.....	853,000	845,000	15,302	15,723	11,325	11,024	17.9	18.6	13.3	13.0
Maryland.....	1,674,000	1,669,000	26,589	27,236	21,960	21,182	15.9	16.3	13.1	12.7
Massachusetts.....	4,425,000	4,375,000	61,704	63,001	52,052	50,237	13.9	14.4	11.8	11.5
Michigan.....	4,783,000	4,731,000	88,427	87,446	54,781	51,050	18.5	18.5	11.6	10.8
Minnesota.....	2,635,000	2,627,000	47,576	45,962	28,630	26,247	18.1	17.5	10.9	10.0
Mississippi.....	2,008,000	2,008,000	49,446	48,320	24,128	21,339	24.6	24.1	12.0	10.6
Missouri.....	3,959,000	3,913,000	55,916	57,299	48,767	43,201	14.1	14.6	12.3	11.0
Montana.....	531,000	531,000	10,400	10,029	6,255	6,291	19.6	18.9	11.8	11.8
Nebraska.....	1,364,000	1,364,000	23,798	23,327	13,752	13,181	17.4	17.1	10.1	9.7
Nevada.....	100,000	99,000	1,419	1,423	1,439	1,324	14.2	14.4	14.4	13.4
New Hampshire.....	508,000	502,000	7,679	7,768	6,438	6,532	15.1	15.6	12.7	13.0
New Jersey.....	4,323,000	4,288,000	53,833	54,514	44,959	43,284	12.4	12.7	10.4	10.1
New Mexico.....	422,000	422,000	12,907	13,190	6,248	6,272	30.6	31.3	14.8	14.9
New York.....	12,935,000	12,890,000	182,469	184,344	153,545	148,462	14.1	14.3	11.9	11.5
North Carolina.....	3,457,000	3,417,000	76,182	78,753	35,630	33,485	22.0	23.0	10.3	9.8
North Dakota.....	703,000	700,000	13,571	13,655	5,654	5,860	19.3	19.5	8.0	8.4
Ohio.....	6,713,000	6,707,000	103,703	101,103	80,941	77,356	15.4	15.1	12.1	11.5
Oklahoma.....	2,523,000	2,503,000	41,815	43,691	23,250	21,091	16.5	17.4	9.2	8.4
Oregon.....	1,017,000	1,008,000	13,975	13,179	12,367	11,430	13.7	13.1	12.2	11.3
Pennsylvania.....	10,136,000	10,067,000	159,393	161,166	112,711	108,555	15.7	16.0	11.1	10.8
Rhode Island.....	681,000	681,000	10,186	10,215	8,126	7,838	15.0	15.1	11.9	11.5
South Carolina.....	1,890,000	1,840,000	39,292	40,598	21,428	20,353	21.1	22.0	11.5	11.1
South Dakota.....	692,000	692,000	12,879	12,850	6,157	6,316	18.6	18.6	8.9	9.1
Tennessee.....	2,864,000	2,824,000	50,571	53,314	32,522	30,002	17.7	18.9	11.4	10.6
Texas.....	6,117,000	6,077,000	111,602	114,721	65,903	61,663	18.2	18.9	10.8	10.1
Utah.....	516,000	515,000	12,551	12,695	5,126	5,066	24.3	24.7	9.9	9.8
Vermont.....	380,000	377,000	6,449	6,591	4,957	4,777	17.0	17.5	13.0	12.7
Virginia.....	2,671,000	2,637,000	51,247	51,487	32,202	30,358	19.2	19.5	12.1	11.5
Washington.....	1,643,000	1,633,000	23,376	22,396	19,356	18,203	14.2	13.7	11.8	11.1
West Virginia.....	1,830,000	1,816,000	40,853	41,774	19,908	18,340	22.3	23.0	10.9	10.1
Wisconsin.....	2,908,000	2,908,000	52,613	52,562	33,242	30,694	18.1	18.1	11.4	10.6
Wyoming.....	233,000	232,000	4,753	4,362	2,401	2,224	20.4	18.8	10.3	9.8

TABLE 2.—Summary of natality, general mortality, and infant mortality data for the registration areas, 1921-36

Year	Estimated population of United States	Birth registration area				Infant mortality	Births per 100 deaths	Death registration area			
		Population		Births				Population		Deaths	
		Number	Percent of total in United States	Number	Per 1,000 population			Number	Percent of total in United States	Number	Per 1,000 population
1936.....	128,429,000	128,429,000	100.0	2,144,790	16.7	57.1	145	128,422,000	100.0	1,479,228	11.5
1935.....	127,521,000	127,521,000	100.0	2,155,105	16.9	55.7	155	127,521,000	100.0	1,392,752	10.9
1934.....	126,626,000	126,626,000	100.0	2,167,636	17.1	60.1	155	126,626,000	100.0	1,306,903	11.0
1933.....	125,770,000	125,770,000	100.0	2,081,232	16.6	58.1	155	125,770,000	100.0	1,342,106	10.7
1932.....	124,974,000	119,027,000	95.2	2,074,042	17.4	57.6	160	120,291,000	96.3	1,308,529	10.9
1931.....	124,113,000	117,522,000	94.7	2,112,760	18.0	61.6	162	119,476,000	96.3	1,322,587	11.1
1930.....	123,091,000	116,556,000	94.7	2,203,958	18.9	64.6	167	118,472,000	96.2	1,343,356	11.3
1929.....	121,626,429	115,097,972	94.7	2,169,920	18.9	67.6	158	116,317,515	95.7	1,386,363	11.9
1928.....	119,861,607	113,050,863	94.3	2,233,149	19.8	68.7	164	114,253,516	95.3	1,378,675	12.1
1927.....	118,196,785	103,575,656	87.6	2,137,836	20.6	64.6	182	108,177,568	91.5	1,236,949	11.4
1926.....	116,531,963	89,682,479	77.0	1,856,068	20.7	73.3	170	104,938,301	90.1	1,285,927	12.3
1925.....	114,867,141	87,486,096	76.2	1,778,880	21.5	71.7	182	102,951,999	89.6	1,219,019	11.8
1924.....	113,202,319	86,256,025	76.2	1,930,614	22.4	70.8	192	100,082,062	88.4	1,173,990	11.7
1923.....	111,537,497	80,694,406	72.3	1,792,646	22.2	77.1	181	97,816,104	87.7	1,193,017	12.2
1922.....	109,872,675	79,415,841	72.3	1,774,911	22.3	76.2	189	93,866,240	85.4	1,101,863	11.7
1921.....	108,207,853	70,738,177	65.4	1,714,261	24.2	75.6	208	89,102,434	82.3	1,032,009	11.6

Table 3<sup>2</sup> presents a complete summary of annual mortality and natality data for the expanding death and birth registration areas covering the entire period since they were created.

The registration area for deaths was established by the Bureau of the Census in 1880, and in that year included only two States—Massachusetts and New Jersey—and certain cities in other States. Since, and including, 1933 the death registration area has comprised the entire continental United States.

Statistics for births in the United States, based on information obtained by the census enumerators for the decennial years, were collected and published for each census from 1850 to 1900; but the first annual report for the registration area for births was for 1915.

The summarized mortality data presented in table 3 are for the expanding death registration area by decennial periods for 1880 to 1900 and by single years for the period 1900 to 1936; the natality data are for the expanding birth registration area, by years, since 1915. The figures include, for each year, the numbers of births and deaths, the rates per 1,000 population, the number of States in each registration area, with the population and percentage of the total population, and the estimated total population of continental United States.

During the 56-year period, a half century which marks epochal developments in public health science and the application of its principles in the preservation of health and the prevention of disease, the gross death rate decreased approximately 50 percent. On the other hand, the birth rate decreased over 33 percent during the 21-year period 1915–36. However, applied public health science has lessened the effect of the declining birth rate with a compensatory saving of infant lives, and in the 15 years from 1921 to 1936 has reduced the mortality rate in children under 1 year of age from 75.6 to 57.1 per 1,000 live births, or more than 24 percent. The infant mortality rate is generally considered an excellent measure of public health work.

<sup>2</sup> Vital Statistics—Special Reports, vol. 5, No. 6, p. 19. Bureau of the Census, Department of Commerce, Jan. 18, 1938.

TABLE 3.—Summary of annual mortality, natality, and other data covering the periods since the establishment of the registration areas

Calendar year	Estimated population of continental United States	Death registration area in continental United States					Birth registration area in continental United States				
		Population		Deaths		Number of States	Population		Births		Number of States
		Number	Percent of total	Number	Rate per 1,000 population		Number	Percent of total	Number	Rate per 1,000 population	
1936.....	128,429,000	128,429,000	100.0	1,479,228	11.5	48	128,429,000	100.0	2,144,790	16.7	48
1935.....	127,521,000	127,521,000	100.0	1,392,752	10.9	48	127,521,000	100.0	2,155,105	16.9	48
1934.....	126,626,000	126,626,000	100.0	1,396,903	11.0	48	126,626,000	100.0	2,167,636	17.1	48
1933.....	125,770,000	125,770,000	100.0	1,342,106	10.7	48	125,770,000	100.0	2,081,232	16.5	48
1932.....	124,974,000	120,291,000	96.3	1,308,529	10.9	47	119,027,000	95.2	2,074,042	17.4	47
1931.....	124,113,000	119,479,000	96.3	1,322,587	11.1	47	117,522,000	94.7	2,112,760	18.0	46
1930.....	123,091,000	118,472,000	96.2	1,343,356	11.3	47	116,556,000	94.7	2,203,958	18.9	46
1929.....	121,526,429	116,317,515	95.7	1,386,363	11.9	46	115,097,972	94.7	2,169,920	18.9	46
1928.....	119,861,607	114,258,516	95.3	1,378,675	12.1	44	113,050,663	94.3	2,233,149	19.8	44
1927.....	118,196,785	108,177,568	91.5	1,235,949	11.4	42	103,575,656	87.6	2,137,836	20.6	40
1926.....	116,531,963	104,933,301	90.1	1,285,927	12.3	41	89,682,479	77.0	1,856,068	20.7	35
1925.....	114,867,141	102,951,999	89.6	1,219,019	11.8	40	87,486,096	76.2	1,878,880	21.5	33
1924.....	113,202,319	100,082,062	88.4	1,173,990	11.7	39	86,256,025	76.2	1,930,614	22.4	33
1923.....	111,537,497	97,816,104	87.7	1,193,017	12.2	38	80,694,408	72.3	1,792,646	22.2	30
1922.....	109,872,675	93,866,240	85.4	1,101,863	11.7	37	79,415,841	72.3	1,774,911	22.3	30
1921.....	108,207,853	89,102,434	82.3	1,032,009	11.6	34	70,738,177	65.4	1,714,261	24.2	27
1920.....	106,543,031	87,632,592	82.3	1,142,558	13.0	34	63,740,689	59.8	1,508,874	23.7	23
1919.....	105,003,065	85,166,043	81.1	1,096,436	12.9	33	61,483,423	58.6	1,373,436	22.3	22
1918.....	103,587,955	81,333,675	78.5	1,471,367	18.1	30	55,515,241	53.6	1,363,649	24.6	20
1917.....	102,172,845	74,984,498	73.4	1,068,932	14.3	27	54,771,416	53.6	1,353,792	24.7	20
1916.....	100,757,735	71,349,182	70.8	1,001,921	14.0	26	32,788,670	32.5	818,983	25.0	11
1915.....	99,342,625	67,095,681	67.5	909,155	13.6	25	30,936,179	31.1	776,304	25.1	10
1914.....	97,927,516	65,813,315	67.2	896,059	13.6	25					
1913.....	96,512,407	63,200,625	65.5	890,848	14.1	24					
1912.....	95,097,296	60,359,974	63.5	838,251	13.9	23					
1911.....	93,682,189	59,183,071	63.2	839,284	14.2	23					
1910.....	92,267,080	53,831,742	58.3	805,412	15.0	21					
1909.....	90,691,354	50,870,518	56.1	732,538	14.4	18					
1908.....	89,073,360	46,789,913	52.5	691,574	14.8	17					
1907.....	87,455,366	43,016,990	49.2	687,034	16.0	15					
1906.....	85,837,372	41,983,419	48.9	658,105	15.7	15					
1905.....	84,219,378	34,052,201	40.4	545,533	16.0	10					
1904.....	82,601,384	33,345,163	40.4	551,354	16.5	10					
1903.....	80,983,390	32,701,083	40.4	524,415	16.0	10					
1902.....	79,365,396	32,029,815	40.4	508,640	15.9	10					
1901.....	77,747,402	31,370,952	40.3	518,207	16.5	10					
1900.....	<sup>1</sup> 75,994,575	30,765,618	40.5	539,939	17.6	10					
Census Year											
1900.....	<sup>1</sup> 75,994,575	28,807,269	37.9	512,669	17.8	9					
1890.....	62,947,714	19,659,440	31.2	386,212	19.6	8					
1880.....	50,155,783	8,538,366	17.0	169,453	19.8	2					

<sup>1</sup> North Carolina is included, although returns were received only from municipalities of 1,000 population or more in 1900; the remainder of the State was added in 1916.

<sup>2</sup> Population for census year ending May 31.

NOTE.—For every year the District of Columbia was in both areas, but is not included in the "number of States"; the death area also included a varying number of registration cities to nonregistration States.

## THE ACCURACY OF CERTIFIED CAUSES OF DEATH

Recommendations of the Committee on the Accuracy of Certified Causes of Death of the American Public Health Association for the revision of the International List of Causes of Death in 1938, for consideration by the Mixed Commission, prepared and offered in response to the invitation of the Government of France.

### COMMITTEE

Haven Emerson, *Chairman*

Fred L. Adair  
George Baehr  
W. J. V. Deacon  
Thomas J. Duffield  
Halbert L. Dunn

Robert Olesen  
John O. Spain  
W. R. Tracey  
Jessamine S. Whitney  
William R. Williams

George H. Van Buren, *Secretary*

This report presents the recommendations of the Committee on the Accuracy of Certified Causes of Death, American Public Health Association, for the fifth decennial revision of the International List of Causes of Death. It has been formally approved by the Section on Vital Statistics of the Association, and will be presented to the International Conference for the Revision of the International List of Causes of Death at its forthcoming meeting in October 1938. It will be submitted for earlier consideration at the meeting of the Mixed Commission<sup>1</sup> in Paris, in the spring of 1938, when the recommendations of the various participating nations will be considered in connection with the preparation of the agenda for the International Conference.

The current report is the fifth made by the Committee. Prior reports have been published in the Public Health Reports and issued subsequently as separates (Reprints 363, 440, 1044, and 1706).

In the present report the Committee presents its recommendations as to the following:

- (a) What titles of the fourth and latest revision (1929) should be continued in the International List?
- (b) What terms should be listed under each title?
- (c) What terms should be transferred from one title to another?
- (d) What new titles should be established and what terms listed under each?

In spite of a considerable number of changes in the sequence and grouping of the titles, as recommended, comparability with previous mortality tabulations has been provided for by the addition of suitable subtitles.

<sup>1</sup> Composed of members designated by the International Statistical Institute and the Health Section of the League of Nations.

It will be noted that all unscientific, inaccurate, indefinite, and obsolete terms have been omitted from the list of inclusions recommended under each title, although it is probable that such terms will have to be retained in the index which is always printed, for the convenience of registrars, in manuals of cause of death; but even in an index these terms should be indicated by some identifying sign as undesirable and not approved for medical usage. This will make it possible, when such terms are certified by physicians, to compile them uniformly under the titles which are most likely to relate to the conditions reported.

The recommendations of the Committee, if approved by the 1938 International Conference, will bring about a number of changes in the International List of Causes of Death. Among the more important are the following:

(a) The breaking up of Class I into 8 subclasses, as follows:

Diseases due to *bacteria*;

Diseases due to *spirochetes*;

Diseases due to, or believed to be due to *filtrable viruses*;

Diseases due to *rickettsia*;

Diseases due to *protozoa*;

Diseases due to *helminths*;

Diseases due to *fungi*;

Other infectious and parasitic diseases.

(b) The establishment of subtitles in the group relating to cardiac diseases, so that a separate statistical record may be made of cardiac lesions of rheumatic origin.

(c) The rearrangement of titles relating to nephritis in order to bring this group into closer agreement with modern pathological conceptions of kidney disease.

(d) A complete rearrangement of the group of titles relating to the puerperal state, designed to meet the needs of the finer analysis of puerperal mortality—a matter of increasing concern, both medically and socially.

I. INFECTIOUS AND PARASITIC DISEASES (1-51)

- 1-28: Diseases due to *bacteria*.
- 29-31: Diseases due to *spirochetes*.
- 32-42: Diseases due to, or believed to be due to *filtrable viruses*.
- 43: Diseases due to *rickettsia*.
- 44-46: Diseases due to *protozoa*.
- 47-49: Diseases due to *helminths*.
- 50: Diseases due to *fungi*.
- 51: Other infectious and parasitic diseases.

DISEASES DUE TO BACTERIA (1-28)

1. Typhoid fever

The approved terms are:

Enteric fever	Typhus abdominalls
Typhoid fever	

2. Paratyphoid fevers

The approved terms are:

Paratyphoid fever (whether or not specified as to type A, B, or C)

3. Undulant fever (brucellosis)

The approved terms are:

Brucellosis	Mediterranean fever
Febris melitensis	
Malta fever	

4. Scarlet fever

The approved terms are:

Nephritis following scarlet fever	Any disease or condition qualified by the word <i>scarlatinal</i>
Scarlatina	
Scarlet fever	

5. Whooping cough

The approved terms are:

Pertussis	Whooping cough
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6. Diphtheria

The approved terms are:

Diphtheria (of any specified site)	Post-diphtheritic neuritis
of wound	
Gangrenous diphtheria	
Post-diphtheritic nephritis	

Any disease or condition qualified by the word *diphtheritic*

7. Cholera

The approved terms are:

Asiatic cholera	Epidemic cholera (where Asiatic cholera is prevalent)
Cholera (where Asiatic cholera is prevalent)	

8. Bacillary dysentery

The approved terms are:

Bacillary dysentery	Epidemic dysentery
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9. Plague

The approved subtitles and terms are:

(a) Bubonic	Pneumonic plague
Bubonic plague	
(b) Pneumonic	
Plague (pulmonary form)	
(c) Septicemic	Plague.
Plague (septicemic form)	
(d) Unspecified	
Pest	

**10. Cerebrospinal fever (meningococcic meningitis)***The approved terms are:*Cerebrospinal fever  
Epidemic cerebrospinal meningitisMeningococcus cerebrospinal meningitis  
meningitis  
septicaemia**11. Glanders***The approved terms are:*Equinia  
Farcy  
GlandersInfection by bacillus mallei  
Malleus sepsis**12. Anthrax (infection by bacillus anthracis)***The approved terms are:*Anthrax  
Charbon  
Infection by bacillus anthracisMalignant pustule  
Woolsorters' disease**13. Tetanus***The approved terms are:*Lockjaw  
Tetanus

Tetanus neonatorum

**14. Tuberculosis of the respiratory system***The approved terms are:*Acute bronchopneumonic tuberculosis  
Chronic miliary tuberculosis of lung  
Miliary tuberculosis of lung  
Phthisis  
Pneumonic tuberculosis  
Pulmonary phthisis  
tuberculosisTuberculosis (of any specified part of the respiratory tract)  
Tuberculous laryngitis  
phthisis  
pneumonia**15. Tuberculosis of the meninges and central nervous system***The approved terms are:*Solitary tubercle of brain  
Tuberculosis of meninges  
any specified site of the meninges  
and central nervous system

Tuberculous meningitis

**16. Tuberculosis of the intestines and peritoneum***The approved terms are:*Intestinal tuberculosis  
Tabes mesenterica

Tuberculosis of intestine (any specified site of intestinal tract, peritoneum, and retroperitoneal lymph nodes)

**17. Tuberculosis of the vertebral column***The approved terms are:*Caries of spine  
vertebra  
Lumbar abscess  
Pott's disease  
Psoas abscess  
Spinal cariesTuberculosis of spinal column  
vertebra  
Tuberculous abscess of vertebra  
caries of sacrum  
lumbar abscess**18. Tuberculosis of the bones and joints (vertebral column excepted)***The approved subtitles and terms are:***(a) Tuberculosis of the bones**Osseous tuberculosis  
Osteal tuberculosisTuberculosis of bone (except vertebral column)  
Tuberculous osteomyelitis**(b) Tuberculosis of the joints**Articular tuberculosis  
Tuberculosis of hip  
joint (any joint)Tuberculous abscess of knee  
arthritis  
disease of hip  
inflammation of knee  
swelling of joint  
synovitis**19. Tuberculosis of the skin and subcutaneous cellular tissue***The approved terms are:*Scrofulide  
Tuberculide

Tuberculosis of skin

**20. Tuberculosis of the lymphatic system (bronchial, mesenteric, and retroperitoneal lymph nodes excepted)**

*The approved terms are:*

General glandular tuberculosis  
Lymphatic tuberculosis  
Tuberculosis of axilla

Tuberculosis of any group of lymph nodes specified (bronchial, mesenteric, and retroperitoneal lymph nodes excepted)

**21. Tuberculosis of the genito-urinary system**

*The approved terms are:*

Tuberculosis (of any part of the genito-urinary system specified)

**22. Tuberculosis of other organs**

*The approved terms are:*

Tuberculosis (of any organ other than as specified in titles 14-21)

**23. Disseminated tuberculosis**

*The approved subtitles and terms are:*

(a) Acute

Acute general miliary tuberculosis  
miliary tuberculosis

General miliary tuberculosis  
Miliary tuberculosis

(b) Chronic

Chronic general miliary tuberculosis

Chronic miliary tuberculosis

(c) Unspecified

Disseminated tuberculosis  
General tuberculosis

General tuberculous infection  
Generalized tuberculosis

**24. Leprosy**

*The approved terms are:*

Anesthetic leprosy  
Leprosy

Leprosy (of any specified organ or part of the body)  
Nodular leprosy

**25. Gonococcic infection**

*The approved terms are:*

Gonococcic arthritis  
endocarditis  
infection  
ophthalmia  
peritonitis

Gonococcus infection (of any part)  
Gonorrhoea  
Gonorrhoeal disease (of any part)  
Ophthalmia (due to gonococcus)  
neonatorum (due to gonococcus)

**26. Erysipelas**

*The approved terms are:*

Erysipelas neonatorum  
of any specified site

Surgical erysipelas

**27. Generalized pyogenic infections**

*The approved terms are:*

Aerogenes capsulatus infection  
Bacteremia  
Gas bacillus infection  
gangrene  
Purulent infection

Septicemia  
Staphylococemia  
Staphylococcus infection  
Streptococemia  
Streptococcus infection

**28. Other bacterial diseases**

*The approved subtitles and terms are:*

(a) Streptococcus sore throat

Septic sore throat

Streptococcus sore throat

(b) Tularemia

Tularemia

(c) Other bacterial diseases not elsewhere specified

## DISEASES DUE TO SPIROCHETES (29-31)

## 29. Syphilis

*The approved subtitles and terms are:*

## (a) Congenital syphilis

Congenital lues		Inherited syphilis
syphilis		Lues infantum
Hereditary lues		Syphilis neonatorum
syphilis		

## (b) Syphilitic heart disease, including aortic aneurysm

Aneurysm of aorta		Syphilitic heart disease
Aortic aneurysm (except congenital)		

## (c) Syphilis of central nervous system other than general paralysis and tabes dorsalis

Gumma of brain

## (d) Others under this title

Acquired syphilis		Syphilis (unqualified, or of any organ or part of the body)	
Lues			Syphilitic (any affection)
Secondary syphilis			Tertiary syphilis

For total deaths due to syphilis add also those under general paralysis (90) and tabes dorsalis (87).

## 30. Relapsing fever

*The approved terms are:*

Recurrent fever		Relapsing fever (spirillum) fever
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## 31. Other spirochetal diseases

*The approved terms are:*

Bronchopulmonary spirochetosis		Spirochetal hemorrhagic jaundice	
Framboesia			jaundice
Gangosa			Vincent's angina
Rat bite fever			infection
Sodoku			Yaws

## DISEASES DUE TO, OR BELIEVED DUE TO FILTRABLE VIRUSES (32-42)

## 32. Influenza

*The approved subtitles and terms are:*

## (a) With respiratory complications specified

Bronchial influenza		Influenzal pneumonia	
Bronchopneumonia due to grippe			Pneumonia due to grippe
Influenza followed by pneumonia			

## (b) Without respiratory complications specified

Grippe (unqualified)		La Grippe
Influenza (unqualified)		

## 33. Yellow fever

*The approved terms are:*

Febris flava		Yellow fever
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## 34. Smallpox (variola)

*The approved terms are:*

Hemorrhagic smallpox		Smallpox
Malignant smallpox		

## 35. Chicken pox (varicella)

*The approved terms are:*

Chicken pox		Varicella
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## 36. Measles (rubeola)

*The approved terms are:*

Hemorrhagic measles		Rubeola
Measles		

**37. German measles (rubella)**

*The approved terms are:*

German measles	Rubella
Roetheln	

**38. Mumps (parotitis)**

*The approved terms are:*

Epidemic parotitis	Parotitis
Mumps	

**39. Infectious encephalitis**

*The approved terms are:*

Epidemic encephalitis	Sleeping sickness (lethargic encephalitis)
Lethargic encephalitis	

This title does not include: Trypanosomiasis (46); Postinfectious encephalitis (51); Purulent encephalitis and noninfectious encephalitis (65); Traumatic encephalitis (194).

**40. Acute poliomyelitis and acute polioencephalitis**

*The approved terms are:*

Acute anterior poliomyelitis	Acute polioencephalitis polioencephalomyelitis poliomyelitis Epidemic poliomyelitis Progressive ascending poliomyelitis
ascending anterior poliomyelitis	
myelitis	
poliomyelitis	
spinal paralysis	
infantile paralysis	

**41. Rabies**

*The approved terms are:*

Bite of mad dog	Lyssa
Hydrophobia]	Rabies

**42. Other diseases believed to be due to filtrable viruses**

*The approved terms are:*

Breakbone fever	Pappataci fever Phlebotomus fever Psittacosis Sandfly fever Shingles Vaccinia Zona
Cowpox	
Dengue	
fever	
Herpes zoster	
Infectious warts	
Molluscum contagiosum	

**DISEASES DUE TO "RICKETTSIA" (43)**

**43. Diseases due to Rickettsia**

*The approved subtitles and terms are:*

(a) Typhus fever

Exanthematic typhus	Tabardillo (Mexican typhus) Trench fever Typhus fever
Japanese river fever (Tsutsugamushi fever)	
Mexican fever	
typhus (tabardillo)	

(b) Rocky Mountain spotted fever

**DISEASES DUE TO PROTOZOA (44-46)**

**44. Protozoal dysentery**

*The approved subtitles and terms are:*

(a) Amebic dysentery

Amebiasis	Amebic enteritis Entamebic dysentery Tropical abscess of liver
Amebic abscess of liver	
dysentery	

(b) Dysentery due to other protozoa

Balantidic dysentery

**45. Malaria**

*The approved terms are:*

Blackwater fever	Malignant tertian malaria Paludism Quartan malaria Tertian malaria
Estivoautumnal fever	
Malaria	
Malarial fever	
hemoglobinuria	

## 46. Other diseases due to protozoal parasites

The approved terms are:

Coccidiosis  
Flagellate diarrhea  
Giardiasis  
Infestation by *Giardia lamblia*

Kala-azar  
Trypanosomiasis (Africana)  
Americana (Chagas')

## DISEASES DUE TO HELMINTHS (47-49)

## 47. Ankylostomiasis

The approved terms are:

Ankylostomiasis  
Hook-worm anemia  
disease  
Infestation by *Ankylostoma ceylanicum*  
*duodenale*

Infestation by *Necator Americanus*  
*uncinaria Americana*  
Necatoriasis  
Uncinariasis

## 48. Hydatid disease

The approved subtitles and terms are:

(a) Hydatid diseases of the liver

Echinococcosis (site specified)  
Echinococcus cyst of liver

Hydatid cyst of liver

(b) Hydatid disease of other organs (specified site)

Cysticercosis (site specified)

Hydatid (unqualified)  
cyst (site specified)

## 49. Other diseases due to helminths

The approved terms are:

Ascariasis  
Ascari pneumonia  
Bilharziasis  
Chyluria  
Clonorchiasis  
Distomiasis  
Elephantiasis (filarial)  
Fascioliasis  
Filariasis (of specified site)  
Fluke disease  
Galacturia  
Helminthiasis  
Hematochyluria  
Infestation by *ascaris lumbricoides*  
*bothriocephalus latus*  
*cestodes*  
*cystercus cellulosae*  
*dibothriocephalus latus*  
*diphyllobothrium latum*

Infestation by *fasciola hepatica*  
round worm  
*strongyloides stercoralis*  
*taenia saginata* (mediocanellata)  
solum  
tapeworm  
termatodes  
*trichocephalus dispar*  
*trichuris trichiura*

Lipemia  
Lipuria  
Paragonimiasis  
Piarrhemia  
Schistosomiasis  
Taeniasis  
Trichinosis  
Tropical hematuria

## DISEASES DUE TO FUNGI (50)

## 50. Fungi (Mycoses)

The approved terms are:

Actinomycosis (of specified site)  
Aspergilliosis (of specified site)  
Blastomycosis (of specified site)  
Coccidioidal granuloma  
Discomycosis  
Favus  
Leptothricosis  
Madura disease  
foot  
Moniliasis  
Muguet

Mycetoma  
Mycotic stomatitis  
Pneumomycosis  
Psilosis  
Ringworm  
Saccharomyces infection  
Sporotrichosis  
Stomatomycosis  
Streptothricosis  
Sycoosis

## 51. Other infectious or parasitic diseases (origin uncertain)

The approved subtitles and terms are:

(a) Dysentery (unqualified)

Hemorrhagic dysentery

(b) Venereal disease (other than syphilis and gonococcus infection)

Granuloma inguinale  
Lymphogranuloma venereum

Other venereal diseases

(c) **Lymphadenoma (Hodgkin's disease)**

Lymphadenia  
Lymphadenoma of spleen  
Lymphadenosis

Malignant lymphadenoma  
Multiple lymphadenoma  
Pseudoleukemia (Hodgkin's disease)

(d) **Other infectious or parasitic diseases of unknown origin**

Epidemic disease (not elsewhere included)  
Epidemic hemorrhagic  
Foot and mouth disease  
Miliary fever (sweating sickness)

Mycosis fungoides (of specified site)  
Post-infectious encephalitis  
Rhinoscleroma  
Trachoma

**II. CANCERS AND OTHER TUMORS (52-63)**

**52. Cancer of buccal cavity and pharynx**

*The approved terms are:*

Cancer of buccal cavity (without further qualification)  
cheek  
gum  
jaw  
lip  
maxilla (upper or lower)  
mouth

Cancer of palate  
pharynx  
soft palate  
tongue  
tonsil  
Epithelioma of lip

**53. Cancer of digestive tract and peritoneum**

*The approved subtitles and terms are:*

(a) **Cancer of esophagus**

Cancer of esophagus

(b) **Cancer of stomach**

Cancer of cardiac orifice of stomach  
duodenum

Cancer of pylorus  
stomach

(c) **Cancer of rectum and anus**

Cancer of anus

Cancer of rectum

(d) **Cancer of liver and biliary passages**

Cancer of bile duct  
gall bladder  
gall duct

Cancer of liver  
Vater's ampulla

(e) **Cancer of pancreas**

Cancer of pancreas

(f) **Cancer of peritoneum**

Cancer of mesenteric gland  
mesentery  
omentum  
peritoneum

Cancer of retrovaginal septum  
retroperitoneal gland  
retroperitoneal lymph nodes  
Retroperitoneal cancer

(g) **Cancer of intestines**

Cancer of appendix  
cecum  
colon  
ileocecal valve  
ileum

Cancer of intestinal gland  
intestine  
jejunum  
sigmoid flexure

(h) **Other cancers of digestive tract**

Cancer of abdominal viscera  
Gastrointestinal cancer

**54. Cancer of respiratory system**

*The approved subtitles and terms are:*

(a) **Cancer of larynx**

Cancer of epiglottis  
glottis

Cancer of larynx  
trachea

(b) **Cancer of lung**

Cancer of bronchi  
lung

Pulmonary cancer

(c) **Cancer of pleura**

Cancer of mediastinal gland  
mediastinum

Cancer of pleura

(d) **Cancer of nasal cavity**

Cancer of nasal cavity

Cancer of nasopharynx

**55. Cancer of genital organs of the female***The approved subtitles and terms are:***(a) Cancer of uterus**Cancer of cervix  
uterus  
wombDeciduoma malignum  
Syncytioma**(b) Others under this title**

Cancer of placenta

**56. Cancer of genital organs of the male***The approved subtitles and terms are:***(a) Cancer of the penis**

Cancer of penis

Cancer of prepuce

**(b) Cancers of other genital organs of the male**Cancer of epididymis  
prostate  
scrotumCancer of seminal vessel  
spermatic cord  
testicle**57. Cancer of breast***The approved terms are:*Cancer of breast  
mammary gland  
nippleCancer en cuirasse  
Paget's disease of nipple**58. Cancer of urinary organs***The approved terms are:*Cancer of bladder  
kidney  
ureter  
urethraEmbryonal carcinosarcoma of kidney  
Multiple new growth of kidney  
Renal cancer  
Rhabdomyosarcoma of kidney**59. Cancer of skin***The approved terms are:*Cancer of (specified site of skin surface)  
umbilicusRodent ulcer  
X-ray cancer**60. Cancer of the brain and other parts of the nervous system***The approved subtitles and terms are:***(a) All glioma unless stated to be nonmalignant****(b) Others under this title**Cancer of brain  
cauda equina  
cord (spine)  
membrane of spinal cordCancer of meninges  
spinal cord  
sympathetic nervous system**61. Cancer of other and unspecified organs***The approved subtitles and terms are:***(a) Cancer of adrenal**

Cancer of adrenal

Cancer of suprarenal

**(b) Others under this title**

Cancer of abdomen (without further qualification)

accessory sinus  
antrum  
antrum of Highmore  
axilla  
bone (except maxilla)  
cervical node  
chest  
wall  
choroid  
eye  
frontal sinus  
groin  
maxillary sinus  
middle ear  
orbitCancer of parotid gland  
pelvic viscera  
pituitary body  
spleen  
submaxillary gland  
thymus gland  
thyroid gland  
Disseminated cancer  
General carcinomatosis  
sarcomatosis  
Intraabdominal cancer  
Lymphosarcoma (of other or unspecified site)  
Malignant lymphoblastoma  
Miliary carcinosis  
Multiple cancer  
Sarcoma (of other or unspecified site)

**62. Nonmalignant tumors (nature specified)**

*The approved subtitles and terms are:*

**(a) Nonmalignant tumors of the ovary**

Dermoid cyst of ovary Fibroid of ovary Hematoma of ovary New growth of ovary (nonmalignant)	Ovarian tumor Papilloma of ovary Tumor of ovary (nonmalignant)
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**(b) Nonmalignant tumors of the uterus**

Deciduoma Fibrocyst of uterus Fibroid of body of uterus uterus tumor (when evidently referring to fibroid tumor of uterus) Fibroma of uterus	Fibromyoma of uterus Multiple fibroids Myoma of uterus New growth of uterus (nonmalignant) Polypus of uterus Submucous fibroid (female) Tumor of uterus (nonmalignant)
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**(c) Nonmalignant tumors of other female genital organs**

Hematoma of broad ligament Nonmalignant new growth of uterine ligament tumor of broad ligament Fallopian tube	Nonmalignant tumor of uterine ligament vagina vulva
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**(d) Nonmalignant tumors of the brain and cerebral meninges**

Basilar tumor (nonmalignant) Cerebellar tumor (nonmalignant) Cerebral glioma (nonmalignant) tumor (nonmalignant) Glioma of brain (nonmalignant) cerebellum (nonmalignant) Intracranial tumor (nonmalignant) Meningeal tumor (nonmalignant)	Nonmalignant new growth of brain membrane of brain Nonmalignant tumor of brain corpora quadrigemina meninges motor tract pons Varolii
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**(e) Nonmalignant tumors of other organs**

Nonmalignant tumors of other organs, specified as to site and nature

**63. Tumors of which nature is not specified**

*The approved subtitles and terms are:*

**(a) Tumors of the ovary (nature unspecified)**

New growth of ovary Ovarian tumor	Tumor of ovary
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**(b) Tumors of the uterus (nature unspecified)**

New growth of uterus	Tumor of uterus
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**(c) Tumors of other female genital organs (nature unspecified)**

New growth of uterine ligament Tumor of broad ligament Fallopian tube	Tumor of uterine ligament vagina vulva
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**(d) Tumors of the brain (nature unspecified)**

Cerebellar tumor Meningeal tumor	New growth of brain membrane of brain Tumor of brain (site specified)
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**(e) Tumors of other organs (nature unspecified)**

Tumors of which the nature is unspecified, but the site is specified (except as included under subdivisions (a), (b), (c), and (d)).

**III. RHEUMATISM, DISEASES OF NUTRITION AND OF THE ENDOCRINE GLANDS, AND OTHER GENERAL DISEASES (64-76)**

**64. Acute rheumatic fever**

*The approved subtitles and terms are:*

**(a) Acute rheumatic pericarditis**

Acute rheumatic pericarditis	Rheumatic pericarditis
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**(b) Acute rheumatic endocarditis**

Acute rheumatic endocarditis Rheumatic carditis	Rheumatic endocarditis pancarditis
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**(c) Acute rheumatic myocarditis**

Acute rheumatic myocarditis	Rheumatic myocarditis
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**(d) Others under this title**

Acute articular rheumatism inflammatory rheumatism rheumatic arthritis	Acute rheumatic fever Rheumatic fever pleurisy
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**65. Rheumatoid arthritis and other forms of chronic rheumatism***The approved subtitles and terms are:***(a) Rheumatoid arthritis**

Arthritis deformans  
 Infectious arthritis (cause unknown)  
 Primary progressive arthritis

Proliferative arthritis  
 Rheumatoid arthritis  
 Still's disease

**(b) Other forms of chronic rheumatism**

Atrophic arthritis  
 Chronic arthritis  
   articular rheumatism  
   infectious arthritis  
   rheumatism  
 Degenerative arthritis

Hypertrophic arthritis  
 Infectious spondylitis  
 Multiple arthritis  
 Osteoarthritis  
 Polyarthritis (nonvertebral)  
 Spondylitis deformans

**66. Gout***The approved terms are:*

Gout of joint  
 Gouty iritis

Gouty synovitis  
 Podagra

**67. Diabetes mellitus***The approved terms are:*

Acidosis (diabetic)  
 Diabetes mellitus  
 Diabetic (any condition so qualified)

Diabetic coma  
   gangrene  
 Hyperglycemia

**68. Scurvy***The approved terms are:*

Infantile scurvy  
 Scorbutus

Scurvy

**69. Beriberi***The approved terms are:*

Beriberi

Kakke

**70. Pellagra***The approved terms are:*

Insanity of pellagra

Pellagra

**71. Rickets***The approved terms are:*

Rachitis

Rickets

**72. Diseases of the pituitary body***The approved terms are:*

Diabetes insipidus  
 Dyspituitarism  
 Gigantism

Hyperpituitarism  
 Hypopituitarism

**73. Diseases of thyroid and parathyroid glands***The approved subtitles and terms are:***(a) Simple goiter**

Adenoma of thyroid gland  
 Adenomatous goiter  
 Colloid goiter

Cystic goiter  
 Enlargement of thyroid gland  
 Nontoxic goiter

**(b) Exophthalmic goiter**

Exophthalmic cachexia  
   goiter  
 Hyperthyroidism

Thyrotoxicosis  
 Toxic adenoma of thyroid gland  
   goiter

**(c) Myxedema and cretinism**

Cretinism  
 Cretinoid degeneration  
 Endemic cretinism  
   deaf-mutism

Hypothyroidism  
 Myxedema of thyroid gland  
 Pachydermic cachexia

**(d) Other diseases of the thyroid gland**

Abscess of thyroid gland  
 Atrophy of thyroid gland

Suppuration of thyroid gland

(e) Diseases of the parathyroid gland

Hyperparathyroidism  
Hypoparathyroidism  
Mollities ossium

Osteitis fibrosa cystica  
Osteomalacia  
Parathyroprival tetany

**74. Diseases of the thymus gland**

*The approved terms are:*

Atrophy of thymus gland  
Enlargement of thymus gland  
Hypertrophy of thymus gland  
Inflammation of thymus gland  
Lymphatism

Persistent thymus gland  
Status lymphaticus  
thymicolymphaticus  
thymicus

**75. Diseases of the adrenal bodies**

*The approved subtitles and terms are:*

(a) Addison's disease

Addison's disease

Hypoadrenalism

(b) Other diseases of the adrenal bodies

**76. Other general diseases**

*The approved terms are:*

Acidosis  
Acrodynia  
Adiposis dolorosa  
Amyloid disease (cause unknown)  
Hemochromatosis

Milk sickness (trembles)  
Ochronosis  
Pentosuria  
Sprue (not thrush)

**IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS  
(77-81)**

**77. Hemorrhagic conditions**

*The approved subtitles and terms are:*

(a) Primary purpuras

Thrombocytopenia  
Peliosis rheumatica

Purpura hemorrhagica  
rheumatica  
Thrombocytopenic purpura

(b) Hemophilia

Bleeder

Hemophilia neonatorum

**78. Anemias**

*The approved subtitles and terms are:*

(a) Hyperchromic anemias

Pernicious anemia

Progressive anemia

(b) Hypochromic anemias

Anemias (secondary to acute or chronic blood loss)

Chlorosis  
Simple anemia

(c) Other anemias

Aplastic anemia  
Hemolytic anemia

Sickle cell anemia

**79. Leukemias**

*The approved terms are:*

Aleukemic leukemia  
Leukemia  
Leukocythemia  
Lymphatic leukemia

Lymphochloroma  
Lymphoid leukemia  
Myeloid leukemia

**80. Diseases of the spleen**

*The approved terms are:*

Abscess of spleen  
Enlargement of spleen  
Infection of spleen  
Melgaosplenla

Splenic anemia  
Splenomegalia  
Splenomegaly

**81. Other diseases of the blood and blood-forming organs**

*The approved terms are:*

Agranulocytosis  
Granulocytopenia  
Leucopenia

Malignant neutropenia  
Polycythemia  
Primary granulocytopenia

## V. CHRONIC POISONING (82-84)

## 82. Alcoholism—Acute or chronic

*The approved terms are:*

Acute alcoholism ethylism Alcohol poisoning (ethyl) Alcoholic apoplexy cerebral apoplexy congestion neuritis paralysis	Alcoholic polyneuritis psychosis Chronic alcoholism Delirium tremens Dipsomania Ethylism Mania & potu Serous alcoholic meningitis
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## 83. Lead poisoning

*The approved subtitles and terms are:*

## (a) Lead poisoning specified as occupational

Occupational lead poisoning cachexia colic encephalitis encephalopathy paralysis poisoning (chronic or unqualified)	Morbus pictorum Painters' colic Plumbism Saturnine gout nephritis Saturnism Tetra-ethyl-lead poisoning
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## (b) Others or not specified as occupational

## 84. Chronic poisoning by other organic or mineral substances

*The approved subtitles and terms are:*

## (a) Occupational

Occupational poisoning by any organic or mineral substance

## (b) Others under this title

Poisoning by any organic or mineral substance not occupational

## VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS (85-95)

## 85. Purulent and noninfectious encephalitis

*The approved terms are:*

Abscess of brain cerebellum pons Varolii Encephalitis (nonepidemic)	Inflammation of brain Intracranial abscess Suppurative encephalitis
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This title does not include: Infectious encephalitis (39); Trypanosomiasis (46); Postinfectious encephalitis, such as post-measles encephalitis (36) and post-vaccinal encephalitis (51); traumatic encephalitis (194).

## 86. Meningitis (not cerebrospinal fever)

*The approved subtitles and terms are:*

## (a) Simple meningitis

Cerebral meningitis pachymeningitis Cervical pachymeningitis Chronic cerebrospinal meningitis Disseminated meningoencephalomyelitis External pachymeningitis Hemorrhagic internal pachymeningitis pachymeningitis Internal pachymeningitis Pachymeningitis	Pneumococcic cerebrospinal meningitis meningitis Purulent meningitis Streptococcic cerebrospinal meningitis Suppurative cerebrospinal meningitis external pachymeningitis internal pachymeningitis leptomeningitis meningitis
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## (b) Acute cerebrospinal meningitis (not of meningococcic origin)

Acute cerebrospinal meningitis (not meningococcic) | Cerebrospinal meningitis (not meningococcic)

This title does not include meningococcic meningitis (10); tuberculous meningitis (15).

## 87. Tabes dorsalis (locomotor ataxia)

*The approved terms are:*

Locomotor ataxia	Tabes dorsalis
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**88. Other diseases of the medulla and spinal cord**

*The approved terms are:*

<p>Acute ascending paralysis                  Amyotrophic lateral sclerosis                  Bulbar paralysis                  Chronic myelitis                  Combined sclerosis of spinal cord                  Disseminated myelitis                  Hematomyelia                  Hematomyelitis                  Hemorrhachis                  Hemorrhage of spinal cord                  Hereditary ataxia                      sclerosis                      spastic paraplegia                      spinal ataxia                  Labioglossolaryngeal paralysis</p>	<p>Labio-glossopharyngeal paralysis                  Lateral sclerosis                  Myelitis from pressure                      of spinal cord                  Poli-encephalitis inferior                  Primary lateral sclerosis                  Progressive bulbar sclerosis                      multiple paralysis                      muscular atrophy                      spinal amyotrophía                      paralysis                  Pseudohypertrophic paralysis                  Spastic spinal paralysis                  Syringomyelia                  Transverse myelitis</p>
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**89. Intracranial lesions of vascular origins**

*The approved subtitles and terms are:*

(a) Cerebral hemorrhage

<p>Apoplectic stroke                  Apoplexy                      of brain                      meninges                  Bulbar apoplexy                      hemorrhage                  Cerebral apoplexy                      hemorrhage (age 1 month and over)                  Clot on brain                  Epidural hemorrhage                  Hemorrhage of brain (age 1 month and over)</p>	<p>Hemorrhage of cerebellum                      cerebrum                      medulla                      meninges                      pons                  Intracranial hemorrhage (age 1 month and over)                  Paralytic shock                      stroke                  Pontine hemorrhage                  Rupture of blood vessel in brain                  Ventricular hemorrhage</p>
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(b) Cerebral embolism and thrombosis

<p>Basilar embolism                      thrombosis                  Cerebral embolism                      infarction</p>	<p>Cerebral thrombosis                  Sinus thrombosis                  Thrombosis of cavernous sinus                      lateral sinus</p>
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(c) Softening of the brain

<p>Cerebral softening                  Encephalomalacia</p>	<p>Softening of brain</p>
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(d) Hemiplegia and other paralysis, cause unspecified

<p>Congenital hemiplegia                  Hemiplegia</p>	<p>Paraplegia</p>
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**90. General paralysis (dementia paralytica)**

*The approved terms are:*

<p>Chronic diffuse meningoencephalitis                  Dementia paralytica                  General paralysis (insane or reported from asylum)                      paresis                      tabetic paralysis</p>	<p>Generalized paralysis (insane)                  Paralysis of insane                  Paretic dementia                  Progressive general paralysis                  Taboparesis</p>
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**91. Dementia praecox and other psychoses**

*The approved subtitles and terms are:*

(a) Dementia praecox

<p>Schizophrenia</p>	<p>Paranoia</p>
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(b) Mental deficiency

<p>Dementia                  Primary dementia</p>	<p>Terminal dementia</p>
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(c) Others under this title

<p>Circular insanity                  Exhaustive psychosis                  Infective psychosis</p>	<p>Manic depressive psychosis                  Toxic psychosis</p>
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**92. Epilepsy**

*The approved terms are:*

<p>Epilepsy                  Epileptic convulsions                      dementia                      psychosis</p>	<p>Grand mal                  Idiopathic epilepsy                  Status epilepticus</p>
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**93. Other diseases of the nervous system***The approved subtitles and terms are:***(a) Neuralgia and neuritis**

General neuritis  
 Infectious neuritis  
 Multiple neuritis  
 Neuritis (any nerve)

Peripheral neuritis  
 Polyneuritis  
 Tic douloureux  
 Trigeminal neuralgia

**(b) Other diseases of the nervous system**

Acquired hydrocephalus  
 Acute hydrocephalus  
 Amaurotic family idiocy  
 Cerebral diplegia of children  
 Chronic progressive chorea (Huntington's chorea)  
 Idiopathic cortical seizure  
 Infantile cerebral diplegia  
     paralysis  
     imbecility (not amaurotic family idiocy)  
     spastic paralysis  
 Internal hydrocephalus

Lobular cerebral sclerosis  
 Lymphocytic chorioencephalitis  
 Mongolism  
 Myotonia congenita  
 Paralysis  
     of diaphragm  
     phrenic nerve  
     pneumogastric nerve  
 Paramyoclonus multiplex  
 Polioencephalitis superior

**94. Diseases of the eye and annexa***The approved terms are:*

Abscess of cornea  
 Cataract (all forms)

Glaucoma  
 Ophthalmia (not gonococcal or specified as in the new-born)

**95. Diseases of the ear and of the mastoid process***The approved subtitles and terms are:***(a) Diseases of the ear**

Acute suppurative otitis media  
 Caries of middle ear  
 Chronic suppurative otitis media  
 Labyrinthine suppuration  
     vertigo

Otitic meningitis  
 Otitis externa  
     media  
 Purulent otitis media  
 Suppurative otitis media

**(b) Diseases of the mastoid process**

Abscess of the mastoid process  
 Acute suppurative mastoiditis  
 Chronic suppurative mastoiditis  
 Disease of mastoid cell

Empyema of mastoid process  
 Mastoid abscess  
 Mastoiditis

**VII. DISEASES OF THE CIRCULATORY SYSTEM (96-109)****96. Pericarditis***The approved subtitles and terms are:***(a) Chronic rheumatic pericarditis**

Chronic rheumatic pericarditis  
 Rheumatic adherent pericardium  
     adhesive pericarditis  
     effusion of pericardium

Rheumatic fibrinous pericarditis  
 hydropericardium  
 pericarditis with effusion

**(b) Other and unspecified forms of pericarditis**

Hemopericardium  
 Hydropneumopericardium  
 Mediastinopericarditis  
 Pneumopericarditis

Purulent pericarditis  
 Pyopericardium  
 Pyopneumopericardium  
 Suppurative pericarditis

**97. Acute and subacute endocarditis***The approved subtitles and terms are:***(a) Bacterial endocarditis (acute, sub-acute and unspecified)**

Acute infectious endocarditis  
     ulcerative endocarditis  
 Bacterial endocarditis (specify infecting organism)  
 Malignant endocarditis

Septic endocarditis  
 Sub-acute bacterial endocarditis  
 Ulcerative endocarditis  
 Vegetative endocarditis

**(b) Acute endocarditis (unqualified)**

Acute endocarditis

Acute valvular endocarditis

**(c) Endocarditis unspecified (under 45 years)**

Endocarditis (under 45 years)  
 Endopericarditis (under 45 years)

Periendocarditis (under 45 years)

The Committee recommends the retention of this subtitle in the interests of comparability with previous years.

**98. Chronic endocarditis and valvular diseases**

*The approved subtitles and terms are:*

**(a) Endocarditis (specified as chronic) and other valvular diseases**

<p>Aortic incompetency insufficiency obstruction regurgitation stenosis valvular disease of heart</p> <p>Atheroma of valve of heart</p> <p>Chronic endocarditis mitral endocarditis valvular endocarditis heart disease</p> <p>Incompetency of aortic valve mitral valve tricuspid valve</p> <p>Insufficiency of aortic valve mitral valve tricuspid valve</p>	<p>Mitral incompetency insufficiency obstruction regurgitation stenosis valvular disease of heart</p> <p>Pulmonary stenosis valvular disease of heart</p> <p>Tricuspid incompetency insufficiency regurgitation stenosis valvular disease of heart</p> <p>Valvular disease of heart</p>
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**(b) Endocarditis, unspecified (45 years and over)**

<p>Endocarditis (45 years and over)</p> <p>Endopericarditis (45 years and over)</p>	<p>Periendocarditis (45 years and over)</p> <p>Vegetative endocarditis (45 years and over)</p>
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The Committee recommends the retention of this subtitle in the interest of comparability with previous years.

**(c) Chronic rheumatic valvular disease**

<p>Any chronic endocarditis or valvular disease specified as rheumatic</p>	<p>Chronic rheumatic endocarditis</p>
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**99. Myocarditis and myocardial degeneration (not specified as arteriosclerotic or due to coronary artery disease)**

*The approved subtitles and terms are:*

**(a) Acute myocarditis**

<p>Acute interstitial myocarditis</p>	<p>Acute myocarditis</p>
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**(b) Chronic rheumatic myocarditis**

Chronic rheumatic myocarditis

**(c) Chronic myocarditis and myocardial degeneration**

<p>Chronic interstitial myocarditis myocarditis</p> <p>Fatty degeneration of heart</p>	<p>Fatty degeneration of myocardium</p> <p>Interstitial myocarditis</p> <p>Myocardial degeneration</p>
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**(d) Myocarditis unspecified (under 45 years)**

<p>Myocarditis (under 45 years)</p>	<p>Myopericarditis (under 45 years)</p>
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**(e) Myocarditis unspecified (45 years and over)**

<p>Inflammation of myocardium (age 45 and over)</p> <p>Myocardial disease</p>	<p>Myocardial insufficiency</p> <p>Myocarditis (age 45 and over)</p>
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**100. Diseases of coronary arteries and angina pectoris**

*The approved subtitles and terms are:*

**(a) Angina pectoris**

<p>Angina of heart pectoris</p>	<p>Cardiac angina</p> <p>Stenocardia</p>
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**(b) Diseases of the coronary arteries (not specified as arteriosclerotic)**

<p>Coronary occlusion</p> <p>Disease of coronary artery</p> <p>Embolism of coronary artery</p> <p>Obstruction of coronary artery of heart</p>	<p>Rupture of coronary artery of heart</p> <p>Thrombosis of coronary artery of heart</p> <p>Thrombotic occlusion of coronary artery</p>
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**(c) Arteriosclerosis of coronary artery**

<p>Aneurysm of coronary artery heart</p>	<p>Arteriosclerosis of coronary artery</p> <p>Infarction of myocardium</p>
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**101. Other diseases of the heart**

*The approved subtitles and terms are:*

**(a) Functional heart disease**

<p>Adams-Stokes disease</p> <p>Auricular fibrillation</p> <p>Brachycardia</p> <p>Bradycardia</p>	<p>Heart-block</p> <p>Paroxysmal tachycardia</p> <p>Stokes-Adams' disease</p> <p>Tachycardia</p>
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**(b) Rheumatic heart disease (otherwise unspecified)**

Rheumatic heart disease (unspecified)

**(c) Diseases of heart (specified as arteriosclerotic or as associated with hypertension)**

Disease of heart (specified as arteriosclerotic) | Disease of heart (specified as due to hypertension)

**(d) Other and unspecified diseases of the heart****102. Aneurysm (except of the heart, aorta, or coronary artery)***The approved terms are:*

Aneurysm except of the heart, aorta, or coronary artery (specify site) | Arteriovenous aneurysm

**103. Arteriosclerosis (not coronary)***The approved terms are:*

Arterio-capillary fibrosis	Atheroma
Arteriofibrosis	Atherosclerosis
Arteriolar sclerosis	Diffuse arteriosclerosis
Arteriosclerosis	Endarteritis deformans
of brain	General arteriosclerosis

**104. Gangrene (not elsewhere provided for)***The approved terms are:*

Alhnum	Noma of vulva
Cancerum oris	Phagedena of penis
Dermatitis gangrenosa	vulva
Dry gangrene	Raynaud's disease
Gangrene	Senile gangrene
Moist gangrene	Symmetrical gangrene
Noma of mouth	Tropical phagedena

**105. Other diseases of the arteries***The approved terms are:*

Aortitis	Fat embolism
Arteritis	Obliterative arteriolar disease
obliterans	Obstruction of artery by clot
Embolism of artery (except coronary and pulmonary)	Thrombosis of artery (except coronary and pulmonary)
Endarteritis	iliac artery
obliterans	

**106. Diseases of the veins***The approved subtitles and terms are:***(a) Varix**

Aneurysmal varix	Varices
Hemorrhoids	Varicocele
Rupture of varicose vein	Varix (of specified site)

**(b) Others under this title**

Air embolism	Phlebitis migrans
Endophlebitis	Pylephlebitis
Periphlebitis	Thrombophlebitis
Phlebitis (unspecified or of specified vein or sinus except puerperal)	Thrombosis of vein (except coronary, cerebral, pulmonary or puerperal)

**107. Diseases of the lymphatic system (Lymphangitis, etc.)***The approved terms are:*

Adenitis (of specified site)	Nonflarial chylocele
Lymphadenitis (of specified site)	chylous ascites
Lymphangitis (of specified site)	Obliteration of lymphatic vessel

**108. Arterial hypertension***The approved terms are:*

Essential hypertension	Hypertension
High blood pressure	Hypertensive vascular disease
Hyperpleais	Vascular hypertension

**109. Other diseases of the circulatory system***The approved terms are:*

Epistaxis (unqualified)	Hemorrhage (unqualified)
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VIII. DISEASES OF THE RESPIRATORY SYSTEM (110-120)

110. Diseases of nasal fossae and annexa

The approved subtitles and terms are:

(a) Diseases of the nasal fossae

Abcess of nasal fossa  
Cerebrospinal rhinorrhoea  
Coryza

Nasopharyngeal abcess  
Ozena  
Rhinitis

(b) Others under this title

Abscess of antrum of Highmore  
ethmoidal sinus  
frontal sinus  
maxillary sinus  
sphenoidal sinus  
Disease of frontal sinus  
Empyema of frontal sinus  
Ethmoidal sinusitis

Ethmoiditis  
Frontal sinusitis  
Maxillary sinusitis  
Necrosis of antrum  
Sphenoidal sinusitis  
Sphenoiditis  
Suppuration of sinus (specify site)

111. Diseases of the larynx:

The approved terms are:

Catarrh of larynx  
throat  
Catarrhal croup  
laryngitis  
Congestion of glottis  
larynx  
Epiglottiditis  
Gangrenous laryngitis  
Infective laryngitis  
Inflammation of larynx  
Laryngismus stridulus  
Laryngitis

Paralysis of glottis  
larynx  
Phlegmonous laryngitis  
Spasm of glottis  
larynx  
Spasmodic croup  
laryngitis  
Stenosis of larynx  
Stridulous croup  
laryngitis  
Ulcerative laryngitis

112. Bronchitis

The approved subtitles and terms are:

(a) Acute

Acute bronchitis  
pulmonary catarrh  
purulent bronchitis  
Croupous bronchitis

Fibrinous bronchitis  
Tracheitis  
Tracheobronchitis

(b) Chronic

Bronchial catarrh  
Bronchiectasis  
Chronic bronchitis  
catarrhal bronchitis  
Dilation of bronchi

Fetid bronchitis  
Peribronchitis  
Subacute bronchitis  
Ulcerative bronchitis

(c) Unspecified (under 5 years of age)

(d) Unspecified (5 years of age and over)

113. Bronchopneumonia (Including Capillary Bronchitis)

The approved terms are:

Aspiration pneumonia (query for cause)  
Capillary bronchitis  
Bronchopneumonia  
Bronchopulmonitis  
Catarrhal inflammation of lung

Deglutition pneumonia  
Inhalation pneumonia (query for cause)  
Inspiration pneumonia (query for cause)  
Lobular pneumonia  
Septic bronchopneumonia (query for cause of sepsis)

114. Lobar Pneumonia

The approved terms are:

Acute hepatization of lung  
inflammation of lung  
interstitial pneumonia  
pleuropneumonia  
Bilateral lobar pneumonia  
pneumonia  
Consolidation of lung  
Croupous pneumonia

Double pleuropneumonia  
pneumonia  
Fibrinous pneumonia  
Hepatization of lung  
Lobar pneumonia (specify infecting organism)  
Pneumococcus pneumonia (specify type)  
Solidification of lung  
Unresolved pneumonia

115. Pneumonia, Unspecified

The approved terms are:

Pneumonia (query for primary cause)  
Septic pleuropneumonia

Septic pneumonia  
Suppurative pneumonia

**116. Pleurisy***The approved subtitles and terms are:***(a) Empyema**

Double empyema  
 Empyema  
 Purulent pleurisy  
 Pyothorax

Seropurulent pleurisy  
 Suppurative pleurisy  
 Thoracic fistula

**(b) Other and unspecified pleurisy**

Chylous hydrothorax  
 Diaphragmatic pleurisy  
 Double hydrothorax (query for cause)  
 pleuritis  
 Exudative pleurisy  
 Fibrinous pleurisy  
 Fibrous pleurisy  
 Hemopneumothorax  
 Hydropneumothorax

Hydrothorax (query for cause)  
 Plastic pleurisy  
 Pleurisy with effusion  
 Pleuropericarditis  
 Pneumothorax  
 Pyopneumothorax  
 Serofibrinous pleurisy  
 Subacute pleurisy

**117. Hemorrhagic Infarction, Edema and Chronic Congestion of the Lung<sup>1</sup>***The approved subtitles and terms are:***(a) Hemorrhagic infarction of lung**

Apoplexy of lung  
 Embolism of lung  
 Infarction of lung  
 Pulmonary embolism

Pulmonary infarction  
 thrombosis  
 Thrombosis of pulmonary artery

**(b) Acute edema of lung**

Edema of lung

Pulmonary edema

**(c) Chronic congestion of lung**

Chronic pulmonary edema  
 Congestion of lung  
 Hypostatic congestion  
 pneumonia

Pulmonary congestion  
 stasis

**118. Asthma***The approved terms are:*

Asthma  
 Asthmatic bronchitis  
 Bronchial asthma

Catarrhal asthma  
 Spasmodic asthma

**119. Pulmonary emphysema***The approved terms are:*

Congenital emphysema  
 Emphysema of lung  
 Hypertrophic emphysema  
 Interlobular emphysema

Pulmonary emphysema  
 Senile emphysema  
 Vesicular emphysema

**120. Other diseases of the respiratory system (tuberculosis excepted)***The approved subtitles and terms are:***(a) Occupational diseases of the respiratory system**

Asbestosis  
 Chronic interstitial pneumonia (specified as occupational)

Silicosis

**(b) Others (including gangrene of the lung)**

Abscess of lung (specify cause)  
 mediastinum  
 Acute mediastinitis  
 Chronic interstitial pneumonia (not specified as occupational)  
 mediastinitis  
 pleuropneumonia  
 Gangrene of lung

Hernia of lung  
 Pulmonary abscess (specify cause)  
 Stenosis of bronchi  
 trachea  
 Tracheostenosis  
 Ulcer of bronchi  
 trachea

<sup>1</sup> All terms under this title should be queried for primary cause.

**IX. DISEASES OF THE DIGESTIVE SYSTEM (121-134)**

**121. Diseases of buccal cavity and annexa, and of the pharynx and tonsils (including adenoid vegetations)**

*The approved subtitles and terms are:*

**(a) Diseases of the pharynx and tonsils**

<p>Abscess of pharynx   tonsil Acute pharyngitis (specify organism when known)   tonsillitis (specify organism when known) Cellulitis of pharynx Chronic pharyngitis (specify organism when known) Follicular amygdalitis   tonsillitis Parenchymatous tonsillitis</p>	<p>Peritonsillar abscess Postpharyngeal abscess Quinsy Retropharyngeal abscess Stricture of pharynx (state cause of stricture and manner of death) Suppurative tonsillitis Tonsillopharyngeal abscess</p>
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**(b) Others under this title**

<p>Adenoid growth   vegetations   of nasal fossa  Adenoids Glossitis Leukoplakia</p>	<p>Ludwig's angina   disease Pyorrhoea alveolaris Stomatitis Ulorrhagia</p>
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**122. Diseases of the esophagus**

*The approved terms are:*

<p>Abscess of esophagus Obstruction of esophagus Stenosis of esophagus</p>	<p>Stricture of esophagus Ulcer of esophagus</p>
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**123. Ulcer of the stomach or duodenum**

*The approved subtitles and terms are:*

**(a) Ulcer of the stomach**

<p>Gastric ulcer Gastroduodenal ulcer Gastroesophageal ulcer Peptic ulcer Perforating gastric ulcer   ulcer of stomach</p>	<p>Perforation of stomach (non-traumatic, as from ulcer) Round ulcer of stomach Ulcer of pylorus   stomach Ulcus rotundum   ventriculi</p>
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**(b) Ulcer of the duodenum**

<p>Duodenal ulcer Perforating ulcer of duodenum</p>	<p>Ulcer of duodenum</p>
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**124. Other diseases of the stomach**

*The approved terms are:*

<p>Abscess of stomach Cardiospasm (for children under 1 year of age) Gangrene of stomach Hematemesis (1 month and over) Hemorrhagic gastritis Hypertrophic stenosis of pylorus Laceration of stomach (not external violence) Obstruction of pylorus (6 months and over) Phlegmonous gastritis</p>	<p>Pylorospasm (for children under 1 year of age) Rupture of stomach (nontraumatic) Stenosis of pylorus of stomach (age 6 months and over) Stricture of cardia of stomach (nonmalignant)   pylorus (nonmalignant) (6 months and over)   stomach (nonmalignant)</p>
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**125. Diarrhea and enteritis**

**(a) Under 2 years of age**

*See subtitle (b) for approved terms*

**(b) Two years and over**

*The approved terms are:*

<p>Catarrhal colitis (acute or chronic)   diarrhea (acute or chronic)   enteritis (acute or chronic)   gastroduodenitis (acute or chronic)   gastroenteritis (acute or chronic)   ileocolitis (acute or chronic)  Colitis Croupous colitis   enteritis Diarrhea (specify cause) Enteritis Enterocolitis Gastroenteritis Gastrointestinal ulceration Hemorrhagic colitis   enteritis   gastroenteritis  Ileocolitis Infantile diarrhea   enteritis</p>	<p>Membranous colitis   enteritis   enterocolitis   ileocolitis  Mucoenteritis Necrotic colitis Perforating ulcer of intestine Phlegmonous enteritis Pseudomembranous enteritis Sarcinal infection Sigmoiditis Ulcer of colon   intestine Ulceration of colon   ileum   intestine  Ulcerative colitis   enteritis   enterocolitis   ileocolitis   perforation of intestine</p>
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**126. Appendicitis***The approved terms are:*

Abscess of appendix  
 iliac fossa  
 vermiform appendix  
 Appendicitis  
 Appendicular abscess  
 Foreign body in appendix  
 Fulminating appendicitis  
 Gangrenous appendicitis  
 Perforative appendicitis  
 Pericecal abscess

Perityphlitic abscess  
 Perityphlitis  
 Postcecal abscess  
 Recurrent appendicitis  
 Ruptured appendix  
 Sloughing appendix  
 Suppurative appendicitis  
 Typhlitis  
 Typhlocliditis

**127. Hernia, intestinal obstruction***The approved subtitles and terms are:***(a) Hernia**

Gangrenous hernia (with site specified)  
 Herniotomy

Incarcerated hernia (with site specified)  
 Strangulated hernia (with site specified)

**(b) Intestinal obstruction**

Coprolith  
 Fecal impaction  
 Ileus  
 Impaction of feces  
 Intestinal obstruction (site and cause to be specified)

Intussusception  
 Strangulation of bowel  
 Telescoped bowel  
 Twist of bowel  
 Volvulus

**128. Other diseases of the intestines***The approved terms are:*

Abscess of Meckel's diverticulum  
 Diverticulitis  
 Diverticulosis  
 Enteric paralysis  
 Gangrene of the rectum  
 Ischiorectal abscess  
 Paralysis of colon  
 intestine  
 Perforation of bowel  
 intestine

Periproctitis  
 Perirectal abscess  
 cellulitis  
 Proctiditis recti  
 Rupture of duodenum  
 rectum  
 Stricture of anus  
 rectum

**129. Cirrhosis of the liver***The approved subtitles and terms are:***(a) Specified as alcoholic**

Alcoholic cirrhosis  
 of liver  
 Alcoholic hepatitis

Alcoholic liver  
 Laennec's cirrhosis

**(b) Not specified as alcoholic**

Atrophic cirrhosis of liver  
 Biliary cirrhosis  
 Chronic hypertrophic hepatitis  
 Cirrhosis of liver  
 Congenital cirrhosis (age 3 months and over)  
 of liver (age 3 months and over)  
 hepatic cirrhosis (age 3 months and over)

Fatty degeneration of liver  
 liver  
 Hepatic cirrhosis  
 Hypertrophic cirrhosis  
 of liver  
 Portal cirrhosis  
 Toxic cirrhosis

**130. Other diseases of the liver (including acute yellow atrophy of liver)***The approved subtitles and terms are:***(a) Acute yellow atrophy of liver**

Acute atrophy of liver  
 parenchymatous hepatitis  
 yellow atrophy of liver  
 Icterus gravis

Malignant hepatitis (age 3 months and over)  
 icterus (age 3 months and over)  
 jaundice (age 3 months and over)  
 Pernicious icterus  
 Subacute yellow atrophy of liver

**(b) Others under this title**

Abscess of liver  
 Diffuse suppurative hepatitis

Hematogenous icterus (age 3 months and over)  
 jaundice (age 3 months and over)  
 Hemolytic icterus  
 Perihepatitis

**131. Biliary calculus***The approved terms are:*

Biliary calculus  
 colic  
 lithiasis  
 Cholelithiasis

Colic from gallstones  
 Common duct stone  
 Impacted gallstones

**132. Other diseases of the gall bladder and biliary passages**

*The approved terms are:*

Abscess of gall bladder  
 Acute catarrhal jaundice (age 3 months and over)  
 Angiocholecystitis  
 Angiocholitis  
 Biliary fistula  
 Catarrh of bile duct  
 Catarrhal cholangitis  
     icterus (age 3 months and over)  
     jaundice (age 3 months and over)  
 Cholangitis  
 Cholecystitis  
 Choledochitis  
 Chronic catarrhal jaundice  
 Empyema of gall bladder  
 Gangrene of gall bladder  
     gall duct

Infectious cholecystitis  
 Necrosis of gall bladder  
 Perforation of bile duct  
     gall bladder  
     gall duct  
 Rupture of bile duct  
     gall bladder  
     gall duct  
 Stenosis of bile duct  
     gall duct  
 Stricture of common duct  
     gall bladder  
     gall duct  
 Suppuration of gall bladder  
 Suppurative cholangitis  
     cholecystitis  
     choledochitis

**133. Diseases of the pancreas**

*The approved terms are:*

Abscess of pancreas  
 Acute gangrenous pancreatitis  
     hemorrhagic pancreatitis  
     pancreatitis  
     suppurative pancreatitis  
 Calculus of pancreatic duct

Chronic interstitial pancreatitis  
     suppurative pancreatitis  
 Cyst of pancreas (due to obstruction)  
 Necrosis of pancreas (due to infection)  
 Pancreatic fat necrosis

**134. Peritonitis (cause not specified)**

*The approved terms are:*

Acute fibrinopurulent peritonitis  
 fibrinous peritonitis  
 general peritonitis  
 hemorrhagic peritonitis

Acute serofibrinous peritonitis  
     suppurative peritonitis  
 General purulent peritonitis  
 Subdiaphragmatic abscess  
 Subphrenic abscess

**X. NONVENEREAL DISEASES OF THE GENITO-URINARY SYSTEM AND ANNEXA (135-144)**

**135. Acute, subacute, and chronic glomerulonephritis (including nephritis unspecified under 10 years)**

*The approved subtitles and terms are:*

(a) **Acute and subacute glomerulonephritis**

Acute albuminous nephritis  
 Bright's disease  
 diffuse nephritis  
 exudative nephritis  
 glomerulonephritis

Acute hemorrhagic nephritis  
     nephritis  
     parenchymatous nephritis  
     tubular nephritis (not due to specified  
     poison)  
 Subacute nephritis  
     glomerulonephritis

(b) **Chronic glomerulonephritis**

Chronic Bright's disease  
 diffuse nephritis  
 exudative nephritis

Chronic glomerulonephritis  
     parenchymatous nephritis  
     tubular nephritis  
 Secondary contracted kidney

(c) **Nephritis (unqualified; under 10 years of age)**

Nephritis (under 10 years)

**136. Primary hypertensive nephritis (primary vascular renal disease)**

*The approved subtitles and terms are:*

(a) **Cardiorenal sclerosis**

Arteriolar nephrosclerosis  
 Cardiorenal sclerosis

Primary contracted kidney

(b) **Others under this title**

Chronic interstitial nephritis

Chronic nephritis

**137. Nephritis, not specified (10 years and over)**

*The approved terms are:*

Bright's disease (10 years and over)  
 Diffuse interstitial nephritis  
 Granular kidney

Hypertropic interstitial nephritis  
 Nephritis (10 years and over)

**138. Other diseases of the kidneys and annexa***The approved subtitles and terms are:***(a) Pyelitis (not associated with pregnancy or the puerperium)**

Pyelitis	Pyonephrosis
Pyelonephritis	Suppurative pyelitis

**(b) Others under this title**

Abscess of kidney	Perinephritic abscess
Floating kidney	Perirenal abscess
Hydronephrosis	Purulent nephritis
Infarct of kidney	Pyonephritis
Nephritic abscess	Renal abscess
Nephrosis (not a complication of nephritis)	Septic nephritis
Perinephric abscess	Suppurative nephritis

**139. Calculus of the urinary passages***The approved terms are:*

Calculus pyelitis	Lithotripsy
pyelonephritis	Nephrolithiasis
pyonephrosis	Pyonephrosis from calculus
Calculus of bladder	Renal calculus
kidney	colic
pelvis of kidney	Stone in bladder
ureter	kidney
urethra	Ureterolithotomy
Impacted calculus of kidney	Urinary calculus
ureter	lithiasis
urethra	Vesical calculus

**140. Diseases of the urinary bladder***The approved subtitles and terms are:***(a) Cystitis**

Abscess of bladder	Pyocystitis
Gangrene of bladder	Suppurative cystitis
Gangrenous cystitis	Vesical abscess
Purulent cystitis	

**(b) Others under this title**

Fistula of bladder (nontraumatic; specify abnormal opening)	Rupture of bladder (not external violence)
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**141. Diseases of the urethra, urinary abscess, etc. (tumors and calculus excepted)***The approved subtitles and terms are:***(a) Stricture of the urethra**

Stricture of the urethra

**(b) Others under this title**

Laceration of urethra (not external violence)	Rupture of urethra (not external violence)
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**142. Diseases of the prostate***The approved terms are:*

Abscess of prostate	Inflammation of prostate
Calculus of prostate	Prostatitis
Enlargement of prostate	Prostatocystitis
Hypertrophy of prostate	

**143. Diseases of the male genital organs, not specified as venereal***The approved terms are:*

Circumcision (for disease)	Orchitis
Epididymitis	Phimosis (not congenital)
Hydrocele of spermatic cord	Spermatocele
tunica vaginalis	

**144. Diseases of the female genital organs not specified as venereal or puerperal***The approved subtitles and terms are:***(a) Cyst of the ovary**

Cyst of ovary	Ovarian cyst
Cystic oophoritis	Parovarian cyst
ovaritis	
ovary	

(b) Other diseases of the ovary and diseases of the Fallopian tube and parametrium

Abscess of broad ligament Fallopian tube ovary Diffuse pelvic cellulitis (female) Hematosalpinx Oophoritis Ovaritis Pelvic abscess (female) cellulitis (female) Peritubarine abscess	Phlegmon of broad ligament (nonpuerperal or unqualified) Pyo-oophoritis Pyosalpinx Retrouterine abscess Rupture of Fallopian tube Salpingitis, acute (specify organism when known) chronic (specify organism when known) Suprapelvic abscess
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(c) Diseases of the uterus

Endometritis Hemorrhage of uterus Hemorrhagic metritis Inflammation of uterus Intrauterine hemorrhage Prolapsed uterus Prolapse of uterus Purulent endometritis	Pyometra Retroversion of uterus Septic endometritis metritis phlebitis Suppurative metritis Uterine hemorrhage
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(d) Nonpuerperal diseases of the breast (cancer excepted)

Mastitis	Suppuration of breast mammary gland
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(e) Other diseases of the female genital organs

Abscess of Bartholin's gland Abscess of labium majus	Cellulitis of vulva Ulceration of labium majus
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**XI. DISEASES OF PREGNANCY, CHILDBIRTH, AND THE PUERPERAL STATE (145-151)**

**145. Abortion and premature delivery with septic condition specified**

*The approved subtitles and terms are:*

- (a) Abortion (with septic condition specified) under 28 weeks gestation, or unspecified
- |   |  |
|---|--|
| Peritonitis following abortion<br>Postabortive sepsis | Pyemia following abortion<br>Septicemia following abortion |
|---|--|
- (b) Abortion (with septic condition specified) with pyelitis, under 28 weeks gestation, or unspecified
- |                             |                                   |
|-----------------------------|-----------------------------------|
| Pyelitis following abortion | Pyelonephritis following abortion |
|-----------------------------|-----------------------------------|
- (c) Premature delivery (with septic condition, specified) 28 weeks gestation and over, or unspecified
- |   |  |
|---|--|
| Peritonitis following premature delivery<br>Sepsis following premature delivery | Pyemia following premature delivery<br>Septicemia following premature delivery |
|---|--|
- (d) Premature delivery (with septic condition specified) with pyelitis, 28 weeks gestation and over, or unspecified
- |                             |                                   |
|-----------------------------|-----------------------------------|
| Pyelitis following abortion | Pyelonephritis following abortion |
|-----------------------------|-----------------------------------|

**146. Abortion and premature delivery, without mention of septic condition (to include hemorrhage, trauma and shock)**

*The approved subtitles and terms are:*

- (a) Abortion without mention of septic condition under 28 weeks gestation, or unspecified
- |  |                                     |
|--|-------------------------------------|
| Abortion (under 28 weeks gestation)<br>Accidental abortion<br>Induced abortion | Miscarriage<br>Therapeutic abortion |
|--|-------------------------------------|
- (b) Abortion without mention of septic condition (hemorrhage, trauma or shock specified) under 28 weeks gestation, or unspecified
- |                       |                         |
|-----------------------|-------------------------|
| Accidental hemorrhage | Hemorrhage of pregnancy |
|-----------------------|-------------------------|
- (c) Premature delivery without mention of septic condition, 28 weeks gestation and over, or unspecified
- |  |                          |
|--|--------------------------|
| Induced premature delivery<br>Premature delivery | Premature labor<br>birth |
|--|--------------------------|
- (d) Premature delivery without mention of septic condition, (hemorrhage, trauma or shock specified) 28 weeks gestation and over, or unspecified
- |   |                         |
|---|-------------------------|
| Accidental hemorrhage of pregnancy<br>Antepartum hemorrhage | Hemorrhage of pregnancy |
|---|-------------------------|

**147. Ectopic gestation**

*The approved subtitles and terms are:*

- (a) Ectopic gestation with septic condition
- |  |   |
|--|---|
| Abdominal pregnancy, septic<br>Ectopic gestation, septic<br>Extrauterine pregnancy, septic | Infected tubal pregnancy<br>Tubal pregnancy, septic |
|--|---|

(b) Ectopic gestation with mention of hemorrhage, but without mention of septic condition  
 Abdominal pregnancy, with hemorrhage  
 Ectopic gestation, with hemorrhage

Extrauterine pregnancy, with hemorrhage  
 Tubal pregnancy, with hemorrhage

(c) Ectopic gestation without mention of septic condition or hemorrhage  
 Abdominal gestation  
 Ectopic gestation pregnancy

Extrauterine gestation pregnancy  
 Tubal abortion gestation pregnancy

#### 148. Antepartum, Intrapartum, and postpartum hemorrhage, trauma and shock

*The approved subtitles and terms are:*

(a) Antepartum and Intrapartum hemorrhage

Accidental hemorrhage of parturition  
 Hemorrhage during parturition from uterus during parturition

Malposition of placenta  
 Placenta praevia  
 Premature separation of placenta

(b) Postpartum hemorrhage (including third state of labor)

Accidental hemorrhage of the puerperium  
 Adherent placenta  
 Hemorrhage after labor detachment of placenta from uterus after parturition

Retained membranes placenta secundines

(c) Hemorrhage of pregnancy not specified as antepartum, intrapartum or postpartum

Puerperal hemorrhage

(d) Trauma and shock without mention of hemorrhage (antepartum, intrapartum or postpartum)

Inversion of uterus  
 Laceration of cervix pelvic floor perineum peritoneum urinary bladder uterus vagina vulva

Obstetric shock  
 Perforation of part specified  
 Rupture of bladder (parturition) uterus tissue or part specified (parturition)

#### 149. Puerperal infection (not specified as due to abortion or premature delivery)

*The approved subtitles and terms are:*

(a) General and local puerperal infection

Postpartum pyemia sepsis septicaemia  
 Puerperal erysipelas fever inflammation of uterus lymphangitis metritis metropéritonitis metrosalpingitis pelvic cellulitis peritonitis peritoneal infection peritonitis

Puerperal periuterine cellulitis purulent endometritis pyelitis pyelonephritis pyemia salpingitis sapremia sepsis septic endometritis fever infection metritis peritonitis septicemia suppurative metritis

(b) Puerperal thrombophlebitis

Milk leg  
 Puerperal embolism of lung embolus thrombophlebitis  
 Phlegmasia alba dolens

Pulmonary embolism (during puerperium)  
 Sudden death during puerperium (cause unknown) from embolus (during puerperium)  
 Venous thrombosis (consequent on parturition)

(c) Puerperal tetanus

Puerperal tetanus

#### 150. Toxemias of pregnancy

*The approved subtitles and terms are:*

(a) Eclampsia

Eclampsia gravidarum of labor pregnancy

Postpartum eclampsia  
 Puerperal convulsions eclampsia

(b) **Vascular-renal toxemia**

Acute nephritis (pregnancy)  
Nephritic toxemia  
Pre-eclamptic toxemia  
Postpuerperal nephritis

Puerperal albuminuria  
nephritis  
uremia  
Toxemia of pregnancy  
Uremia of pregnancy

(c) **Others**

Emesis gravidarum  
Hyperemesis gravidarum  
of pregnancy  
Persistent vomiting (pregnancy)

Puerperal vomiting  
Uncontrollable vomiting of pregnancy  
Vomiting of pregnancy

**151. Other and unspecified conditions of the puerperal state**

*The approved subtitles and terms are:*

(a) **Infection of breast**

Abscess of breast following parturition  
Mastitis

Puerperal abscess of breast  
mammary abscess

(b) **Psychoses of puerperium**

Puerperal insanity

Puerperal melancholia

(c) **Other and unspecified conditions of the puerperal state (all to be queried for disease or condition causing death)**

Atony of uterus during parturition  
Breech presentation  
Caesarian operation  
Delayed delivery  
Difficult labor  
Dystocia  
Faulty presentation (mother)  
Foot presentation

Inertia of uterus  
Instrumental delivery  
Multiple birth  
Prolonged labor  
Protracted labor  
Subinvolution of uterus  
Transverse presentation  
Version

**XII. DISEASES OF THE SKIN AND CELLULAR TISSUES (152-154)**

**152. Carbuncle, furuncle**

*The approved terms are:*

Carbuncle  
Furuncle

Furunculosis  
Multiple carbuncle

**153. Cellulitis, acute abscess**

*The approved terms are:*

Abscess (unqualified)

Cellulitis (see Abscess)

Inasmuch as any one abscess at any specified location may be insufficient to cause death by itself, supplementary data as to the site and nature of the original infection should be supplied. Hence, a list of approved terms to be included under this title is omitted, as there is no limit to the number of places in which abscesses may occur. Abscess of site specified is usually classified under the particular organ or anatomical region involved.

**154. Other diseases of the skin and annexa, and of the cellular tissue**

*The approved terms are:*

Bed-sore  
Decubitis  
Dermatitis venenata

Elephantiasis (nonfilarial)  
Malignant pemphigus  
Scleroderma

Inasmuch as any one of the great number of skin diseases may lead to death through the development of secondary sepsis, it has seemed inadvisable to extend further the list of inclusions under this title, since it would be necessary to include a very large number of dermatological terms to make the list complete.

**XIII. DISEASES OF THE BONES AND ORGANS OF LOCOMOTION (155-157)**

**155. Osteomyelitis and periostitis**

*The approved subtitles and terms are:*

(a) **Acute osteomyelitis and periostitis**

Acute infective osteomyelitis  
osteoperiostitis  
periostitis

Acute osteomyelitis  
suppurative osteomyelitis

(b) **Chronic osteomyelitis and periostitis**

Caries of bone  
Circumscribed periostitis  
Chronic osteomyelitis  
periostitis  
Diffuse periostitis  
Gangrene of bone

Necrosis of bone  
Osteoperiostitis  
Periosteal abscess  
Periostitis  
Suppurative periostitis

**156. Other diseases of the bones (tuberculosis excepted)***The approved terms are:*Fragilitas osium  
Osteitis deformansPulmonary osteoarthropathy  
Spontaneous fracture of bone

A footnote should follow this title explaining that it does not include rheumatism and tuberculosis; also that where diseases of the bone affect structures connected with the special senses—nasal fossae, ear, orbit—they are to be referred to the appropriate title headings covering diseases of these organs of special sense.

**157. Diseases of the joints and other organs of locomotion***The approved subtitles and terms are:***(a) Diseases of the joints (tuberculosis and rheumatism excepted)**Abscess of joint (specify joint)  
Arthropathy  
Infective synovitis  
Inflammation of joint (specify joint)Purulent arthritis  
synovitis  
Septic arthritis  
Suppurative synovitis**(b) Diseases of other organs of locomotion**Abscess of bursa  
muscle  
tendon  
Amyotonia  
Bursitis (specify site)  
Infective myositis (specify site)  
Inflammation of bursa (specify site)  
fascia (specify site)  
muscle (specify site)  
sheath of tendon (specify site)  
Myasthenia gravisMyositis  
fibrosa  
ossificans  
Polymyositis  
Progressive muscular dystrophy  
ossifying myositis  
Spasmodic torticollis  
Tenosynovitis  
Tenosynovitis  
Thecal abscess  
Torticollis**XIV. CONGENITAL MALFORMATIONS (158)****158. Congenital malformations***The approved subtitles and terms are:***(a) Congenital hydrocephalus**Chronic hydrocephalus  
Congenital cerebral tumor  
hydrocephalusCongenital tumor of brain  
Hydrocephalus of brain  
Megaloccephaly**(b) Spina bifida and meningocele**Congenital spina bifida  
Meningocele  
Meningomyelocele  
Spina bifidaSpinal hernia  
meningocele  
Syringomyelocele**(c) Congenital malformations of the heart**Atelocardia  
Congenital disease of heart  
malformation of heart  
valvular heart disease  
Cyanosis (due to malformation of heart)  
(persistence of foramen ovale)Cyanosis from nonclosure of foramen of Botallo  
Imperfect closure of foramen ovale  
Morbus caeruleus  
Nonclosure of foramen of Botallo  
Patent ductus arteriosus  
foramen of Botallo**(d) Congenital pyloric stenosis**

Congenital pyloric stenosis

Stenosis of pylorus (under 6 months)

**(e) Cystic disease of the kidney**

Congenital cystic disease of the kidney

Polycystic kidney (congenital)

**(f) Imperforate anus**

Imperforate anus

Imperforate rectum

**(g) Cleft palate—Harelip**Cleft palate  
Fissure of lip (harelip)

Harelip

**(h) Other specified congenital malformations**Branchial cyst  
Cerebral meningocele  
Congenital amputation  
atresia (of any part of body)  
cerebral hernia  
fracture  
hernia (specify site)  
imperforate urethra  
intestinal obstruction  
laryngeal obstruction  
stenosis of intestine  
larynx  
tumor (specify site)  
Extrophy of bladderExtroversion of bladder  
Hemicephalus  
Hirschsprung's disease  
Hydrocephalocele  
Hydromyelia  
Hydrorrachia  
Imperforate pharynx  
Malformation (specify part of body)  
Megacolon  
Meningocephalocele  
Microcephaly  
Monster  
Omphalocele  
Podencephalus**(i) Congenital malformation, unspecified (should be queried)**

XV. DISEASES OF EARLY INFANCY (159-162)

**159. Congenital Debility**

*The approved terms are:*

Artificial feeding (under 1 year)  
Hydramnios (death of child)  
Malassimilation (under 1 year)

Marasmus (under 1 year)  
Puerperal eclampsia (death of child)  
toxemia (death of child)

**160. Premature birth**

*The approved terms are:*

Immaturity  
Incomplete gestation  
Miscarriage

Multiple birth  
Premature birth  
Prematurity

**161. Injury at birth**

*The approved subtitles and terms are:*

(a) With mention of Caesarian operation

Caesarian operation

(b) Without mention of Caesarian operation

Breech presentation  
Cephalic hemorrhage (at birth)  
Cerebral compression (injury at birth)  
pressure (injury at birth)  
Compression during birth (injury at birth)  
of brain (injury at birth)  
umbilical cord  
Delayed confinement  
delivery  
Difficult labor  
Dystocia  
Foot presentation  
Forced delivery  
Forceps operation  
Injury at birth  
delivery

Instrumental delivery  
Intracranial trauma  
Malpresentation  
Placenta praevia  
Prolapse of funis  
umbilical cord  
Prolonged labor  
Protracted dry labor  
labor  
Rupture of brain (incident to birth)  
Ruptured viscus  
Strangulation of umbilical cord  
Transverse presentation  
Vectis (use of)  
Version

(c) Cerebral hemorrhage (age under 1 month)

Cephalhematoma  
Cerebral hemorrhage

Hematoma  
Intracranial hemorrhage

**162. Other specified and unspecified diseases peculiar to early infancy**

*The approved subtitles and terms are:*

(a) **Asphyxia**

Antenatal asphyxia  
Asphyxia neonatal  
Atelectasis  
Inspiration of vaginal mucus

Natal asphyxia  
Post-natal asphyxia  
Strangulation by mucus

(b) **Maternal toxemia**

Maternal diabetes  
hyperinsulinemia

Maternal nephritis  
toxemia

(c) **Infections**

Cellulitis of umbilicus  
Infected navel  
umbilicus  
Infectious omphalitis  
Omphalitis  
Pemphigus  
of infant  
neonatorum

Phebitis of umbilicus  
Septic infection of umbilicus  
Septicemia of umbilicus  
from navel  
Sepsis neonatorum

(d) **Other specified diseases peculiar to early infancy**

Gangrene of umbilical cord  
Hemorrhage of funis  
navel  
newborn  
umbilical cord  
umbilicus  
Icterus of the newborn  
Acute catarrhal hepatitis  
jaundice  
Congenital cirrhosis of liver  
icterus

Hematogenous icterus  
jaundice  
Congenital sclerema  
Melena neonatorum  
Pulmonary hemorrhage  
Hemorrhagic icterus  
jaundice  
Hepatitis of newborn  
Icterus neonatorum  
Jaundice of newborn  
Sclerema  
neonatorum

(e) **Unspecified diseases peculiar to early infancy**

## XVI. OLD AGE (163)

**163. Senility***The approved subtitles and terms are:**(a) Senility accompanied by dementia or other forms of mental alienation (70 years and over)*

Dementia of old age	Senile paresis
Senile dementia	psychosis
insanity	melancholia

*(b) Senility, other of this class*

Morbus senilis	Senility
Old age	

The Committee recommends that all reports of deaths under 70 years of age which would be classified under this title heading be queried for the disease causing death. These reports are too often used on death certificates of elderly persons, whose deaths should have been reported as due to diseases of various organs.

Deaths from senility accompanied by dementia, in persons under 70 years of age, should be classified under title No. 200c.

The Committee declares its reason for recommending that these subtitles be established to be as follows: It believes that many of the deaths reported from hospitals for the insane as due to senile dementia, senile insanity, etc., are more properly chargeable to title 91 (dementia praecox and other psychoses) than they are to senility. These, however, are so numerous that the transfer of all such cases to title 91 would make a very great difference in the number of deaths classified under both titles 91 and 163, and a corresponding difference in the published death rates. The subdivisions, as now recommended, will enable anyone who so desires to ascertain the number of deaths reported from senility accompanied by mental alienation.

## XVII. DEATHS FROM VIOLENCE (164-199)

**164. Suicide by solid or liquid poisons or by absorption of corrosive substances***The approved terms are:*

Poisoning (suicidal)	Suicide by poison (any solid or liquid)
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**165. Suicide by poisonous gas***The approved terms are:*

Suicide by asphyxia (any gas or vapor)	Suicide by illuminating gas inhalation of gas (any gas or vapor) suffocation (any gas or vapor) vapor (any vapor)
carbon monoxide	
chloroform (vapor)	
gas (any gas)	

**166. Suicide by hanging or strangulation***The approved terms are:*

Suicide by hanging	Suicide by strangulation
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**167. Suicide by drowning***The approved terms are:*

Suicide by drowning	Suicide by submersion
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**168. Suicide by firearms***The approved terms are:*

Suicide by firearms	Suicide by shooting
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**169. Suicide by cutting or piercing instruments***The approved terms are:*

Suicide by cutting artery	Suicide by cutting throat piercing instrument
blood vessel	
instrument	

**170. Suicide by jumping from high places***The approved term is:*

Suicide by jumping from high place
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**171. Suicide by crushing***The approved terms are:*

Suicide by crushing	Suicide by jumping before other vehicles
jumping before train	

**172. Suicide by other means***The approved terms are:*

Suicide (unqualified)	Suicide by fire scalds
by burns	
dynamite	

**173. Homicide by firearms***The approved terms are:*

Assassination by firearms	Shot (homicidal) by burglar in duel Wound by firearms (homicidal)
Gunshot (homicidal)	
Homicide by firearms	
gunshot	
Shooting (homicidal)	

**174. Homicide by cutting or piercing instruments**

*The approved terms are:*

Assassination by cutting or piercing instrument  
Cut (homicidal)  
Homicide by cutting instrument  
piercing instrument

Knife cut (homicidal)  
stab  
Wound by cutting instrument (homicidal)

**175. Homicide by other means**

*The approved terms are:*

Assassination (without further explanation)  
Assault by maniac  
Bite of human being  
Drowning (homicidal)  
Duel  
Homicidal poisoning  
strangulation  
wound  
Homicide (unqualified)

Incendiarism  
Lynching  
Manslaughter  
Murder (unqualified)  
Throwing of sulphuric acid  
vitriol  
Traumatism (homicidal)  
Wound (homicidal)

**176. Criminal abortion**

*The approved term is:*

Criminal abortion (mother)

**177. Attack by venomous animals**

*The approved terms are:*

Bite of insect  
serpent  
venomous serpent  
viper  
Snake-bite  
Sting of insect

Venom of animal  
centipede  
scorpion  
Venomous bite  
sting

**178. Poisoning by food**

*The approved terms are:*

Botulism  
Cheese poisoning  
Egg albumen poisoning  
Fish poisoning  
Food poisoning (food to be specified)

Meat poisoning  
Milk poisoning  
Potato poisoning  
Sausage poisoning  
Shellfish poisoning

**179. Accidental absorption of poisonous gas**

*The approved subtitles and terms are:*

(a) **Poisoning by carbon monoxide**

Automobile exhaust gas poisoning  
Carbon monoxide poisoning

Poisoning by fuel and other gases containing carbon monoxide  
Illuminating gas poisoning

(b) **Poisoning by other gases**

Acetylene poisoning  
Acute etherism  
Ammonia poisoning  
Amyl nitrite poisoning  
Asphyxia by fumes  
gas (accidental; specify gas)

Asphyxia by smoke (conflagration excepted)  
vapor  
Bisulphide of carbon poisoning  
Chloroform poisoning (vapor)  
Poisoning by anesthetic  
operation

A footnote should follow this title stating that it does not include deaths in burning buildings.

The Committee also recommends that all reports that do not specify that the poisoning was accidental be queried by registration and compiling offices to determine whether such cases are not properly chargeable to suicide or homicide.

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**180. Other acute accidental poisonings (gas excepted)**

*The approved terms are:*

Accidental poisoning (specify nature)  
Acute poisoning (specify nature)  
Anaphylaxis

Serum intoxication  
poisoning  
Wood alcohol poisoning

All returns which do not specify that the poisoning was accidental should be queried by registration and compiling offices. When this is done many reports will be found to represent cases that are properly chargeable to suicide or homicide.

A footnote should be added to the effect that this title does not include septic poisoning.

**181. Conflagration**

*The approved terms are:*

Conflagration (to include all injuries of whatever nature resulting therefrom)  
Crushed at fire (conflagration)  
Forest fire

Inhalation of smoke (burning building)  
Jumped from burning building  
Prairie fire  
Suffocation (burning building)

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**182. Accidental burns (conflagration excepted)***The approved terms are:*

Burn (conflagration excepted, of any organ or part) by boiling liquid water coal oil corrosive substance fall with lighted lamp fire gasoline kerosene molten metal petroleum steam sulphuric acid vitriol	Dermatitis actinica ambustionis Effects of corrosives radium X-ray Explosion of gasoline kerosene lamp Lamp accident Scald (of any part of body) by steam Sunburn
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**183. Accidental mechanical suffocation***The approved terms are:*

Asphyxiation by falling earth Cave in (unqualified) Overlaid	Suffocation (unqualified) by abnormal atmospheric pressure bed clothes
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The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**184. Accidental drowning***The approved terms are:*

Accidental drowning submersion Asphyxia by drowning Drowning (unqualified)	Found drowned (open verdict) Lost at sea Suffocation by drowning submersion
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The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**185. Accidental traumatism by firearms (wounds of war excepted)***The approved terms are:*

Accidental wound by firearms (of any part of body) Firearms Gunshot Pistol wound	Shooting Shot Traumatism by firearms Wound by firearms
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The Committee recommends that all reports which do not specify that the traumatism was accidental be queried by registration and compiling offices to determine whether death was accidental, suicidal or homicidal.

**186. Accidental traumatism by cutting or piercing instruments (wounds of war excepted)***The approved terms are:*

Circumcision Cut (of any part of body) by glass Incised wound (of any part of body) Knife cut stab (accident) Punctured wound (of any part of body) Stab wound (of any part of body, accidental)	Sterilization Traumatism by cutting instrument piercing instrument Wound by cutting instrument (of any part of body) Wound by piercing instrument (of any part of body)
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The Committee recommends that registration and compiling offices query all reports which do not specify definitely that a traumatism was accidental, to determine whether death was actually due to an accident, suicide or homicide.

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of the decedent.

**187. Accidental traumatism by fall, crushing, landslide***The approved terms and subtitles are:*

<i>(a) Accidental traumatism by fall</i>	
Fall (accidental or unqualified) downstairs	Injury by diving from fall
<i>(b) Accidental traumatism by crushing, landslide</i>	
Crushed by falling earth Crushing	Landslide Traumatism by crushing landslide

The Committee recommends that a footnote be added stating that this title does not include accidents connected with traffic, in burning building, or in mines or quarries, and that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

The Committee recommends that the title *Cataclysm* be abolished and that the terms be transferred to title 194, and others.

**188. Injuries by animals (except poisonous animals)**

*The approved terms are:*

Bite of (any animal) dog	Kick (by horse or other animal)
Injury by any animal	Traumatism by horse

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**189. Hunger and thirst**

*The approved terms are:*

Deprivation of water	Lack of food
Hunger	Starvation
Inanition (starvation)	Thirst
Insufficient nourishment	

The words "starvation" and "inanition" are sometimes used in the United States and Canada to denote exhaustion from defective nourishment due to disease or to senile or congenital debility. Only where death was caused by actual privation should assignment be made to this title.

**190. Excessive cold**

*The approved terms are:*

Effects of cold (temperature)	Frostbite
Exposure to cold	Frozen
Freezing	

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**191. Excessive heat**

*The approved terms are:*

Effects of heat	Insolation
Excessive heat	Overheated
Heat apoplexy	Sun stroke
cramps	Thermic fever
exhaustion	
prostration	
stroke	

The Committee recommends that a separate tabulation be made of all cases in which death was dependent upon the occupation of decedent.

**192. Lightning**

*The approved terms are:*

Lightning	Thunderbolt
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**193. Accidents due to electric currents**

*The approved terms are:*

Accidental electric shock	Electric shock
electrocution	Electricity (lightning excepted)
Burn by electricity	Injury by electric shock
Electric concussion	

**194. Other and unstated forms of accidental violence**

*The approved subtitles and terms are:*

(a) By foreign bodies (site, organ, or orifice to be specified)

(b) Cataclysm

Earthquake	Tornado
Cyclone	Hurricane

(c) Others under this title

Desertion (newborn)	Lack of care
Explosion	Rupture of uterus (nonpuerperal or unspecified)
Football accident	

NOTE.—This is the residual title for external causes. Many indefinite returns found here could be assigned elsewhere if the means of death and the character of violence (accidental, suicidal or homicidal) were stated.

**195. Violent deaths of which nature (accident, suicide, homicide) is unknown**

NOTE.—Include under this title only deaths from "other external violence" when doubt is expressed as to whether accidental, suicidal, homicidal or wounds of war.

**196. Wounds of war**

**NOTE.**—Include under this title all deaths of combatants due to violence even if accidental.

**197. Execution of civilians by belligerent armies****198. Legal executions**

*The approved terms are:*

Capital punishment	Gas asphyxia (execution)
Electrocution (legal execution)	Hanging (legal execution)
Execution	

**XVIII. ILL-DEFINED DISEASES (199-200)****199. Sudden death**

Under this title are listed a number of terms all of which are indefinite and unsatisfactory as statements of the primary cause of death.

The Committee is advised that the Bureau of the Census and many State and municipal registration offices are making determined efforts to secure more definite data when such returns are received, and desires to express its approval of this practice. It realizes that until all such reports are eliminated they must be classified somewhere. This, in the opinion of the Committee, is the sole reason for giving this title a place in the International List.

**200. Cause of death not specified or ill-defined**

- (a) Convulsions
- (b) Not specified or unknown
- (c) Ill-defined
- (d) Found dead

The Committee approves the subdivision of this title as in the Census Manual into (a) Ill-defined and (b) Not specified or unknown.

The inclusions constitute a mass of ill-defined and unsatisfactory terms. None of these could receive the approval of the Committee as terms recommended for use in the United States or Canada. All of them, however, in view of their very indefiniteness, the Committee realizes must be included under this heading when they are encountered and when no more definite information can be secured on inquiry.

The Committee is advised that the Bureau of the Census and many State and municipal registration offices are making determined efforts to secure more definite data when such returns are received, and desires to express its approval of this practice. It realizes that until all such reports are eliminated they must be classified somewhere, and that, therefore under present conditions, this title must remain in the list.

**DEATHS DURING WEEK ENDED JAN. 15, 1938**

[From the Weekly Health Index, issued by the Bureau of the Census, Department of Commerce]

	Week ended Jan. 15, 1938	Correspond- ing week, 1937
<b>Data from 86 large cities in the United States:</b>		
Total deaths.....	9, 015	11, 152
Average for 3 prior years.....	10, 549	-----
Total deaths, first 2 weeks of year.....	18, 530	22, 547
Deaths under 1 year of age.....	553	642
Average for 3 prior years.....	662	-----
Deaths under 1 year of age, first 2 weeks of year.....	1, 104	1, 360
<b>Data from industrial insurance companies:</b>		
Policies in force.....	69, 954, 525	69, 211, 701
Number of death claims.....	13, 846	15, 652
Death claims per 1,000 policies in force, annual rate.....	10.3	11.8
Death claims per 1,000 policies, first 2 weeks of year, annual rate.....	9.4	11.3

# PREVALENCE OF DISEASE

*No health department, State or local, can effectively prevent or control disease without knowledge of when, where, and under what conditions cases are occurring*

## UNITED STATES

### CURRENT WEEKLY STATE REPORTS

These reports are preliminary, and the figures are subject to change when later returns are received by the State health officers.

In these and the following tables a zero (0) is to be interpreted to mean that no cases or deaths occurred, while leaders (.....) indicate that cases or deaths may have occurred although none were reported.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan. 22, 1938, and Jan. 23, 1937*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
<b>New England States:</b>								
Maine.....	4	2	5	204	102	96	1	1
New Hampshire.....		1		3	117	22	0	0
Vermont.....					289	5	0	0
Massachusetts.....	6	3			144	1,074	0	1
Rhode Is and Connecticut.....	7	3	10	1,152	13	307	2	0
<b>Middle Atlantic States:</b>								
New York.....	19	42	119	1,432	400	280	5	17
New Jersey.....	22	8	5	356	950	467	2	5
Pennsylvania.....	54	61			5,408	90	8	6
<b>East North Central States:</b>								
Ohio.....	29	41		115	976	39	1	6
Indiana.....	83	20	28	307	547	8	1	3
Illinois.....	39	23	42	496	3,848	26	0	8
Michigan.....	7	23		139	664	50	3	5
Wisconsin.....	1	3	37	2,462	835	24	0	1
<b>West North Central States:</b>								
Minnesota.....	10		4	11	17	25	4	0
Iowa.....	4	5	8	1,564	40	3	0	0
Missouri.....	29	15	176	1,324	1,344	3	2	0
North Dakota.....	2	1	3	460	5	1	0	1
South Dakota.....				266		2	0	2
Nebraska.....	2			94	5	3	0	0
Kansas.....	9	7	12	4,988	250	3	0	0
<b>South Atlantic States:</b>								
Delaware.....	1	1		32	8	138	0	0
Maryland.....	10	7	26	416	15	253	2	7
District of Columbia.....	8	9	1	143	12	31	1	4
Virginia.....	21	25			392	188	1	7
West Virginia.....	17	6	56	900	307	17	4	6
North Carolina.....	23	29	35	62	797	59	3	1
South Carolina.....	4	13	740	861	104	9	0	5
Georgia.....	11	11		470	306		3	4
Florida.....	12	8	5	50	182	6	2	10
<b>East South Central States:</b>								
Kentucky.....	26	10	54	359	493	51	8	9
Tennessee.....	13	20	159	746	575	15	3	6
Alabama.....	17	14	272	399	150	2	4	1
Mississippi.....	12	6					1	1

See footnotes at end of table.

*Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan. 22, 1938, and Jan 23, 1937—Continued*

Division and State	Diphtheria		Influenza		Measles		Meningococcus meningitis	
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937
<b>West South Central States:</b>								
Arkansas.....	22	3	218	651	149	1	1	1
Louisiana <sup>1</sup> .....	15	27	26	193	5	4	2	5
Oklahoma <sup>4</sup> .....	28	4	177	485	12	3	2	6
Texas <sup>2</sup> .....	53	67	739	2,421	104	442	0	5
<b>Mountain States:</b>								
Montana.....				2,706	2	3	0	0
Idaho.....			2	843	5	71	0	0
Wyoming.....					2	1	0	0
Colorado.....	7	3			282	3	0	0
New Mexico.....	3		2	331	192	32	1	1
Arizona.....	6	7	96	747	2	172	0	2
Utah <sup>3</sup> .....	6	1		70	44	16	2	0
<b>Pacific States:</b>								
Washington.....	1	2		226	46	29	1	1
Oregon.....	2		56	2,324	8	14	1	0
California.....	24	42	131	6,210	110	82	1	1
<b>Total.....</b>	<b>669</b>	<b>574</b>	<b>3,144</b>	<b>36,312</b>	<b>20,258</b>	<b>4,357</b>	<b>72</b>	<b>139</b>
<b>First 3 weeks of year.....</b>	<b>2,070</b>	<b>1,927</b>	<b>8,372</b>	<b>71,727</b>	<b>49,340</b>	<b>12,600</b>	<b>273</b>	<b>440</b>

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938
<b>New England States:</b>									
Maine.....	0	0	22	18	0	0	0	21	68
New Hampshire.....	0	0	17	4	0	0	0	0	10
Vermont.....	0	0	22	1	0	0	0	0	26
Massachusetts.....	0	1	276	235	0	0	1	0	107
Rhode Island.....	0	0	48	43	0	0	0	0	43
Connecticut.....	0	0	68	99	0	0	1	3	42
<b>Middle Atlantic States:</b>									
New York.....	2	1	584	783	0	18	4	5	389
New Jersey.....	0	0	131	131	0	0	5	0	160
Pennsylvania.....	1	0	509	641	0	0	4	6	344
<b>East North Central States:</b>									
Ohio.....	2	2	300	289	3	3	2	2	69
Indiana.....	1	0	277	164	48	4	0	1	17
Illinois.....	0	1	727	466	51	26	2	8	124
Michigan.....	0	0	574	659	7	0	1	2	220
Wisconsin.....	2	0	204	339	13	15	0	1	142
<b>West North Central States:</b>									
Minnesota.....	0	3	182	141	51	9	2	0	37
Iowa.....	1	0	280	165	60	12	0	1	42
Missouri.....	0	0	282	206	70	75	7	1	112
North Dakota.....	0	0	30	21	28	15	1	0	63
South Dakota.....	0	0	26	87	10	0	0	0	26
Nebraska.....	0	0	39	67	1	13	0	0	10
Kansas.....	1	0	198	256	8	26	2	0	122
<b>South Atlantic States:</b>									
Delaware.....	0	0	14	4	0	0	0	0	7
Maryland <sup>1</sup> .....	0	0	62	72	0	0	4	3	62
District of Columbia.....	0	0	15	18	0	0	3	1	3
Virginia.....	0	0	51	26	0	0	2	7	93
West Virginia.....	0	1	68	56	1	0	0	1	128
North Carolina <sup>2</sup> .....	0	1	41	35	2	0	5	1	326
South Carolina <sup>3</sup> .....	0	1	7	7	0	0	6	1	47
Georgia <sup>4</sup> .....	1	3	19	36	0	0	3	7	51
Florida.....	0	0	9	5	2	0	2	0	14
<b>East South Central States:</b>									
Kentucky.....	1	0	118	25	33	0	1	3	92
Tennessee <sup>5</sup> .....	0	1	85	30	7	0	2	4	31
Alabama <sup>6</sup> .....	3	1	31	9	3	0	5	3	33
Mississippi <sup>7</sup> .....	1	0	7	9	7	1	0	1	

See footnotes at end of table.

Cases of certain communicable diseases reported by telegraph by State health officers for weeks ended Jan. 22, 1938, and Jan. 23, 1937—Continued

Division and State	Poliomyelitis		Scarlet fever		Smallpox		Typhoid and paratyphoid fevers		Whooping cough
	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	Week ended Jan. 22, 1938	Week ended Jan. 23, 1937	
<b>West South Central States:</b>									
Arkansas.....	0	1	7	11	24	0	4	8	64
Louisiana <sup>1</sup> .....	0	2	22	15	3	0	14	5	3
Oklahoma <sup>4</sup> .....	1	2	93	25	4	0	6	1	40
Texas <sup>2</sup> .....	1	0	179	107	24	1	18	11	193
<b>Mountain States:</b>									
Montana.....	0	0	25	66	12	12	1	0	31
Idaho.....	0	0	51	24	42	8	2	0	40
Wyoming.....	0	0	13	8	6	17	0	0	8
Colorado.....	0	0	63	19	15	1	0	0	7
New Mexico.....	1	0	25	23	1	0	0	3	32
Arizona.....	0	0	10	24	2	0	0	0	15
Utah <sup>3</sup> .....	0	0	86	31	0	0	0	0	29
<b>Pacific States:</b>									
Washington.....	0	1	62	45	34	4	0	0	138
Oregon.....	2	1	47	29	34	8	1	0	21
California.....	1	1	262	270	34	10	5	5	423
<b>Total.....</b>	<b>22</b>	<b>24</b>	<b>6,218</b>	<b>5,844</b>	<b>638</b>	<b>278</b>	<b>116</b>	<b>116</b>	<b>4,104</b>
<b>First 3 weeks of year.....</b>	<b>59</b>	<b>71</b>	<b>17,428</b>	<b>17,281</b>	<b>1,834</b>	<b>869</b>	<b>369</b>	<b>392</b>	<b>11,624</b>

<sup>1</sup> New York City only.  
<sup>2</sup> Week ended earlier than Saturday.  
<sup>3</sup> Typhus fever, week ended Jan. 22, 1938, 16 cases, as follows: North Carolina, 2; South Carolina, 2; Georgia, 3; Tennessee, 1; Alabama, 1; Louisiana, 2; Texas, 5.  
<sup>4</sup> Figures for 1937 are exclusive of Oklahoma City and Tulsa.  
<sup>5</sup> A delayed report from Arkansas includes a report of 10 cases of smallpox for the week ended Jan. 15, 1938.

SUMMARY OF MONTHLY REPORTS FROM STATES

The following summary of cases reported monthly by States is published weekly and covers only those States from which reports are received during the current week:

State	Menin- gococ- cus menin- gitis	Diph- theria	Influ- enza	Mala- ria	Mea- sles	Pel- lagra	Pollo- mye- litis	Scarlet fever	Small- pox	Ty- phoid fever
<i>December 1937</i>										
California.....	15	169	189	8	254	5	20	974	102	53
Florida.....	4	107	34	48	151	1	1	53	3	23
Indiana.....	2	113	193		292		1	666	219	8
Iowa.....	2	27	20		37		2	936	171	1
Louisiana.....	6	76	436	38	6	10	3	50	0	31
Maryland.....	10	73	69	1	35	1	1	256	0	17
Minnesota.....	6	18	6		23		13	570	59	9
Mississippi.....	7	45	5,181	1,160	207	122	7	54	3	3
Montana.....	2	2	57		24		1	110	76	8
Nebraska.....	2	21			8		2	146	5	2
Ohio.....	29	133	92		1,807		2	1,408	13	11
Oklahoma.....	12	111	458	26	33	1	6	325	9	18
Oregon.....	2	18	115	1	57		5	209	37	7
Pennsylvania.....	20	142		2	10,774	2	6	1,736	0	70
Rhode Island.....	3	3			7		0	138	0	1
South Dakota.....	1	3	17		18		3	127	16	0
Virginia.....	16	128	631	1	467	5	2	197	0	11
Washington.....	1	21	10		77		3	196	90	4

December 1937		December 1937—Continued		December 1937—Continued	
	Cases		Cases		Cases
Actinomycosis:		Impetigo contagiosa:		Septic sore throat—Con.	
California	1	Maryland	12	Oregon	12
Anthrax:		Montana	16	Rhode Island	10
Iowa	4	Oklahoma	5	South Dakota	5
Chicken pox:		Oregon	119	Virginia	17
California	1,974	South Dakota	7	Washington	4
Florida	129	Washington	5	Tetanus:	
Indiana	260	California	14	California	4
Iowa	437	Maryland	2	Florida	2
Louisiana	21	Oregon	16	Louisiana	3
Maryland	708	Lead poisoning:		Oklahoma	1
Minnesota	793	Ohio	8	Trachoma:	
Mississippi	623	Leprosy:		California	21
Montana	461	California	1	Minnesota	2
Nebraska	239	Mumps:		Mississippi	1
Ohio	1,758	California	1,267	Oklahoma	5
Oklahoma	136	Florida	8	Oregon	4
Oregon	321	Indiana	8	Pennsylvania	2
Pennsylvania	5,299	Iowa	8	South Dakota	6
Rhode Island	108	Louisiana	31	Trichinosis:	
South Dakota	231	Maryland	40	California	9
Virginia	323	Mississippi	237	Florida	1
Washington	752	Montana	71	Maryland	1
Conjunctivitis:		Nebraska	61	Montana	35
Oklahoma	1	Ohio	190	Pennsylvania	2
Washington	1	Oklahoma	8	Tularaemia:	
Diarrhea:		Oregon	51	California	5
Maryland	9	Pennsylvania	2,540	Indiana	28
Ohio (under 2 years; enteritis included)	14	Rhode Island	34	Iowa	9
Dysentery:		South Dakota	10	Louisiana	9
California (amoebic)	17	Virginia	170	Maryland	12
California (bacillary)	45	Washington	668	Montana	2
Florida	1	Ophthalmia neonatorum:		Ohio	45
Louisiana (amoebic)	1	California	5	Oklahoma	5
Louisiana (bacillary)	3	Louisiana	1	Pennsylvania	3
Maryland (bacillary)	5	Maryland	2	Virginia	13
Mississippi (amoebic)	58	Mississippi	4	Typhus fever:	
Mississippi (bacillary)	181	Ohio	44	Florida	9
Montana (bacillary)	1	Oklahoma	2	Undulant fever:	
Ohio (amoebic)	1	Pennsylvania	7	California	17
Ohio (bacillary)	2	Rhode Island	1	Florida	4
Oklahoma (amoebic)	2	Virginia	1	Indiana	5
Oklahoma (unspecified)	4	Paratyphoid fever:		Iowa	8
Virginia (amoebic)	3	California	2	Louisiana	5
Virginia (unspecified; diarrhea included)	15	Louisiana	1	Maryland	3
Washington (amoebic)	1	Ohio	1	Minnesota	8
Washington (bacillary)	19	Puerperal septicemia:		Mississippi	4
Encephalitis, epidemic or lethargic:		Mississippi	23	Ohio	10
California	2	Ohio	3	Oklahoma	71
Iowa	1	South Dakota	1	Pennsylvania	7
Louisiana	2	Washington	1	Rhode Island	1
Maryland	2	Rabies in animals:		Virginia	3
Ohio	3	California	181	Washington	5
Oregon	2	Florida	5	Vincent's infection:	
Pennsylvania	3	Indiana	27	Florida	1
Virginia	1	Louisiana	15	Maryland	9
Food poisoning:		Maryland	2	Oklahoma	2
California	70	Mississippi	13	Oregon	20
Washington	3	Oregon	3	Washington	1
German measles:		Washington	16	Whooping cough:	
California	83	Rabies in man:		California	1,499
Florida	8	California	1	Florida	22
Iowa	2	Mississippi	1	Indiana	75
Maryland	7	Scabies:		Iowa	113
Montana	1	Maryland	1	Louisiana	42
Ohio	35	Montana	8	Maryland	243
Pennsylvania	93	Oklahoma	1	Minnesota	154
Rhode Island	4	Oregon	123	Mississippi	593
Washington	13	Septic sore throat:		Montana	157
Granuloma, coccidioidal:		California	9	Nebraska	45
California	1	Iowa	12	Ohio	372
Hookworm disease:		Louisiana	2	Oklahoma	70
California	1	Maryland	15	Oregon	113
Florida	1,012	Minnesota	7	Pennsylvania	1,309
Louisiana	11	Montana	9	Rhode Island	141
Mississippi	555	Nebraska	1	South Dakota	113
		Ohio	84	Virginia	375
		Oklahoma	37	Washington	363

## WEEKLY REPORTS FROM CITIES

City reports for week ended Jan. 15, 1938

This table summarizes the reports received weekly from a selected list of 140 cities for the purpose of showing a cross section of the current urban incidence of the communicable diseases listed in the table. Weekly reports are received from about 700 cities, from which the data are tabulated and filed for reference.

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
Data for 60 cities: 5-year average	231	1,778	205	1,953	1,113	1,752	23	337	21	1,062	-----
Current week <sup>1</sup>	173	246	73	3,165	779	1,682	95	329	18	951	-----
<b>Maine:</b>											
Portland	0	-----	0	2	3	0	0	0	0	14	16
<b>New Hampshire:</b>											
Concord	0	-----	0	4	1	1	0	0	0	0	6
Manchester	0	-----	2	0	1	12	0	0	0	0	23
Nashua	0	-----	0	2	2	0	0	0	0	0	9
<b>Vermont:</b>											
Barre	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Burlington	0	-----	0	0	0	0	0	0	0	1	12
Rutland	0	-----	0	0	1	0	0	0	0	0	7
<b>Massachusetts:</b>											
Boston	3	-----	0	53	11	89	0	9	1	21	215
Fall River	0	-----	0	0	3	1	0	2	0	18	26
Springfield	0	-----	0	0	7	37	0	0	0	8	28
Worcester	0	-----	0	0	5	11	0	1	0	12	49
<b>Rhode Island:</b>											
Pawtucket	0	-----	0	0	0	4	0	0	0	0	18
Providence	0	-----	1	0	11	21	0	4	0	8	78
<b>Connecticut:</b>											
Bridgeport	0	-----	0	0	3	19	0	3	0	6	42
Hartford	0	-----	0	2	10	14	0	0	0	2	64
New Haven	0	-----	1	0	1	3	0	0	0	0	54
<b>New York:</b>											
Buffalo	0	-----	2	2	17	24	0	7	0	8	181
New York	31	14	5	72	140	225	0	75	1	147	1,478
Rochester	1	-----	2	2	10	8	0	3	0	2	87
Syracuse	0	-----	0	0	2	10	0	2	0	10	53
<b>New Jersey:</b>											
Camden	0	-----	0	11	2	2	0	0	1	2	38
Newark	3	-----	2	4	6	18	0	7	0	15	96
Trenton	0	-----	1	43	5	3	0	1	0	8	30
<b>Pennsylvania:</b>											
Philadelphia	3	-----	4	211	37	120	0	14	5	34	502
Pittsburgh	1	-----	6	2	333	24	50	0	7	31	208
Reading	0	-----	0	2	3	7	0	3	0	2	34
Scranton	0	-----	-----	32	-----	0	0	-----	0	3	-----
<b>Ohio:</b>											
Cincinnati	2	-----	1	1	9	18	0	7	0	0	135
Cleveland	6	-----	26	2	133	22	66	0	11	1	244
Columbus	2	-----	0	28	2	13	0	4	0	4	85
Toledo	0	-----	1	62	6	4	0	2	0	5	63
<b>Indiana:</b>											
Anderson	0	-----	0	0	1	3	9	0	1	8	13
Fort Wayne	2	-----	0	7	1	8	0	1	0	0	24
Indianapolis	21	-----	2	18	12	27	1	4	0	9	103
Muncie	1	-----	0	16	2	2	0	0	0	0	15
South Bend	0	-----	0	4	3	6	0	0	0	0	16
Terre Haute	1	-----	0	1	0	1	0	0	0	0	23
<b>Illinois:</b>											
Alton	0	-----	0	5	2	11	0	0	0	0	10
Chicago	13	-----	21	7	699	58	203	0	35	0	778
Elgin	0	-----	0	1	0	17	0	0	0	0	10
Moline	1	-----	0	37	0	15	0	0	0	0	11
Springfield	0	-----	0	31	3	9	7	0	0	0	21
<b>Michigan:</b>											
Detroit	7	-----	0	275	27	188	0	25	1	46	281
Flint	0	-----	0	1	5	39	0	1	0	15	28
Grand Rapids	0	-----	0	3	6	20	0	0	0	5	49
<b>Wisconsin:</b>											
Kenosha	0	-----	0	1	1	4	0	0	0	3	11
Madison	0	-----	0	1	0	4	0	0	0	2	8
Milwaukee	2	-----	2	425	15	26	0	6	0	31	122
Racine	0	-----	0	2	0	6	0	0	0	2	12
Superior	0	-----	0	1	0	0	0	0	0	2	5

<sup>1</sup> Figures for Barre, Vt., and Winston-Salem, N. C., estimated; reports not received.

## City reports for week ended Jan. 15, 1938—Continued

State and city	Diph- theria cases	Influenza		Meas- les cases	Pneu- monia deaths	Scar- let fever cases	Small- pox cases	Tuber- culosis deaths	Ty- phoid fever cases	Whoop- ing cough cases	Deaths, all causes
		Cases	Deaths								
Minnesota:											
Duluth.....	0		0	1	1	10	0	2	1	7	17
Minneapolis.....	0		2	1	7	39	0	0	0	7	106
St. Paul.....	0		0	5	0	5	53	0	0	3	65
Iowa:											
Cedar Rapids.....	0			0		1	0		0	6	
Davenport.....	0			5		3	0		0	0	
Des Moines.....	0			0		29	4		0	0	45
Sioux City.....	0			1		1	0		0	1	
Waterloo.....	1			0		8	0		0	1	
Missouri:											
Kansas City.....	0	2	1	64	14	36	1	3	0	13	111
St. Joseph.....	0		0	0	4	3	0	2	0	0	25
St. Louis.....	5		3	260	16	67	4	1	0	3	227
North Dakota:											
Fargo.....	0		0	2	0	9	0	0	0	1	9
Grand Forks.....	0			1	0	4	1		0	1	
Minot.....	0		0	0	0	3	0	0	0	21	6
South Dakota:											
Aberdeen.....	1			0		3	0		0	0	
Sioux Falls.....	0		0	0	0	7	0	0	0	0	10
Nebraska:											
Omaha.....	4		0	0	5	7	0	1	0	1	50
Kansas:											
Lawrence.....	0	3	0	0	0	0	1	0	0	2	8
Topeka.....	0		1	0	3	5	0	0	2	27	12
Wichita.....	2		0	0	3	4	0	1	0	4	28
Delaware:											
Wilmington.....	2		0	0	3	3	0	0	0	2	26
Maryland:											
Baltimore.....	4	9	1	7	26	19	0	5	0	31	229
Cumberland.....	0		0	0	1	0	0	0	0	0	12
Frederick.....	0		0	0	1	0	0	0	0	0	4
District of Colum- bia:											
Washington.....	4		3	7	23	26	0	12	1	9	158
Virginia:											
Lynchburg.....	2		0	0	1	1	0	0	0	1	18
Norfolk.....	0		0	8	4	14	0	0	0	3	26
Richmond.....	1		4	0	5	5	0	2	0	0	62
Roanoke.....	1		0	1	0	1	0	1	0	3	23
West Virginia:											
Charleston.....	0	1	0	0	2	0	0	0	0	0	19
Huntington.....	2			24		4	0		0	0	
Wheeling.....	0		0	1	4	6	0	0	0	2	17
North Carolina:											
Raleigh.....	0		0	0	3	0	0	0	0	46	14
Wilmington.....	0		0	3	3	0	0	0	0	7	9
Winston-Salem.....											
South Carolina:											
Charleston.....	0	51	2	17	2	1	0	2	1	0	22
Greenville.....	0		0	2	2	0	0	0	0	20	11
Georgia:											
Atlanta.....	3	19	3	118	7	10	0	6	0	4	90
Brunswick.....	0		0	0	1	0	0	0	0	0	5
Savannah.....	1	2	1	0	4	1	0	1	1	0	28
Florida:											
Miami.....	1	1	1	51	2	2	0	2	0	6	36
Tampa.....	0		0	1	2	4	0	0	0	0	18
Kentucky:											
Covington.....	1		0	0	1	1	0	0	0	0	11
Lexington.....	0	1	1	1	4	2	0	1	0	0	18
Louisville.....	1	9	0	59	13	34	0	2	0	4	92
Tennessee:											
Knoxville.....	3	6	0	5	2	1	0	1	0	1	24
Memphis.....	3	2	1	124	3	9	0	0	0	3	89
Nashville.....	0		0	2	5	1	0	0	0	2	45
Alabama:											
Birmingham.....	3	20	2	28	5	2	0	3	0	0	89
Mobile.....	0	1	1	2	2	1	0	0	0	0	20
Montgomery.....	0	5		4		1	0		0	1	
Arkansas:											
Fort Smith.....	0			2		0	0			10	
Little Rock.....	1		0	30	8	2	0	2	0	0	12
Louisiana:											
Lake Charles.....	0		0	0	1	0	0	1	0	0	11
New Orleans.....	12	24	7	0	40	13	0	10	2	0	203
Shreveport.....	1		0	1	5	6	0	1	1	0	43

City reports for week ended Jan. 15, 1938—Continued

State and city	Diphtheria cases	Influenza		Measles cases	Pneumonia deaths	Scarlet fever cases	Small-pox cases	Tuberculosis deaths	Typhoid fever cases	Whooping cough cases	Deaths, all causes
		Cases	Deaths								
<b>Oklahoma:</b>											
Muskogee.....	1			0		0	0		0	1	
Oklahoma City.....	1		1	0	3	6	0	0	0	0	89
Tulsa.....	1			0		7	2		0	11	
<b>Texas:</b>											
Dallas.....	2	5	5	0	13	10	0	3	0	0	70
Fort Worth.....	0		0	1	7	10	0	2	0	0	48
Galveston.....	0		0	0	3	1	0	0	0	0	15
Houston.....	3	1	0	0	5	8	0	5	0	0	73
San Antonio.....	1		1	0	8	0	0	3	0	0	55
<b>Montana:</b>											
Billings.....	0		0	1	3	0	0	0	0	0	7
Great Falls.....	0		0	0	3	1	1	0	0	13	10
Helena.....	0		0	0	0	1	0	0	0	3	3
Missoula.....	0		0	0	0	1	0	0	0	0	7
<b>Idaho:</b>											
Boise.....	0		0	0	1	0	18	0	0	0	9
<b>Colorado:</b>											
<b>C o l o r a d o</b>											
Springs.....	0		0	0	2	1	0	0	0	0	15
Denver.....	8		0	90	12	16	1	3	0	3	101
Pueblo.....	0		0	0	1	1	1	0	0	2	8
<b>New Mexico:</b>											
Albuquerque.....	0		0	22	2	1	0	3	0	4	13
<b>Utah:</b>											
Salt Lake City.....	0		1	10	5	15	0	0	0	7	41
<b>Washington:</b>											
Seattle.....	0		0	2	6	6	1	2	0	41	95
Spokane.....	0		0	0	2	1	1	0	0	3	33
Tacoma.....	0		0	0	2	7	5	1	0	19	29
<b>Oregon:</b>											
Portland.....	3	2	0	0	7	27	1	0	0	0	77
Salem.....	0	1		0		1	0		0	0	
<b>California:</b>											
Los Angeles.....	10	26	1	8	23	50	1	13	0	23	347
Sacramento.....	1		0	0	3	0	0	1	0	43	28
San Francisco.....	1		3	3	6	9	0	9	0	57	194

State and city	Meningococcus meningitis		Polio-myelitis cases	State and city	Meningococcus meningitis		Polio-myelitis cases																			
	Cases	Deaths			Cases	Deaths																				
<b>Massachusetts:</b>																										
Boston.....	1	1	0	<b>District of Columbia:</b>																						
Washington.....								1	0	0																
<b>New York:</b>								<b>Kentucky:</b>																		
Buffalo.....	2	1	0	Louisville.....								1	0	0												
New York.....	1	1	1	<b>Tennessee:</b>								Knoxville.....								1	2	0				
<b>New Jersey:</b>								<b>Alabama:</b>								Birmingham.....								2	1	0
Camden.....	1	0	0	<b>Arkansas:</b>								Little Rock.....								0	1	0				
<b>Pennsylvania:</b>								<b>Louisiana:</b>								New Orleans.....								1	0	0
Philadelphia.....	1	0	0	<b>Colorado:</b>								Denver.....								0	1	0				
<b>Ohio:</b>								<b>Washington:</b>								Spokane.....								1	1	0
Cleveland.....	1	1	0	<b>California:</b>								Los Angeles.....								2	1	0				
<b>Indiana:</b>								San Francisco.....								1	0	0								
Anderson.....	1	1	0	<b>Illinois:</b>								Alton.....								0	0	1				
<b>Michigan:</b>								Chicago.....								2	0	0								
Detroit.....	1	0	0	<b>Minnesota:</b>								Duluth.....								1	0	0				
<b>Minnesota:</b>								<b>Kansas:</b>								Wichita.....								1	0	0

*Encephalitis, epidemic or lethargic.*—Cases: Providence, 1; New York, 1; Minneapolis, 1.  
*Pellagra.*—Cases: Atlanta, 6; Brunswick, 1; Birmingham, 1.  
*Rabies in man.*—Deaths: Atlanta, 1.  
*Typhus fever.*—Cases: Charleston, S. C., 2; Savannah, 1; Mobile, 1; Houston, 1. Deaths: Mobile, 1; Houston, 1.

## FOREIGN AND INSULAR

### CANADA

*Provinces—Communicable diseases—2 weeks ended January 1, 1938.*—During the 2 weeks ended January 1, 1938, cases of certain communicable diseases were reported by the Department of Pensions and National Health of Canada as follows:

Disease	Prince Edward Island	Nova Scotia	New Brunswick	Quebec	Ontario	Manitoba	Saskatchewan	Alberta	British Columbia	Total
Cerebrospinal meningitis				1	1	1				3
Chicken pox		2	1	217	404	143	36	34	86	923
Diphtheria		7	5	103	14	6	10		1	143
Dysentery					1					1
Erysipelas				7	5	5	4	1	8	30
Influenza		59			54	2			93	208
Measles		56	29	158	511	29	74	55	302	1,214
Mumps		1			160	31		6	9	207
Paratyphoid fever					10				1	11
Pneumonia		1			34				11	46
Poliomyelitis				1	3		4	1	1	10
Scarlet fever		30	10	206	208	64	78	45	33	674
Trachoma						1			1	2
Tuberculosis		23	9	73	53	92	2		20	272
Typhoid fever			2	68	4	3	1	1	11	90
Undulant fever				2	2			1		5
Whooping cough		9		204	130	42	45		31	461

### EGYPT

*Infectious diseases—First quarter 1937.*—During the first quarter of 1937 certain infectious diseases were reported in Egypt as follows:

Disease	Cases	Deaths	Disease	Cases	Deaths
Anthrax		1	Plague		14
Cerebrospinal meningitis	75	60	Poliomyelitis	3	1
Chicken pox	431	1	Puerperal septicemia	96	82
Diphtheria	245	122	Rabies	10	10
Dysentery	404	63	Scarlet fever	15	
Erysipelas	924	191	Smallpox	1	
Influenza	2,073	155	Tetanus	97	65
Jaundice, epidemic		1	Tuberculosis (pulmonary)	1,098	617
Leprosy	86	12	Typhoid fever	808	177
Lethargic encephalitis	1		Typhus fever	491	86
Malaria	5,945	28	Undulant fever	4	1
Measles	2,106	289	Whooping cough	493	21
Mumps	286	2			

*Vital statistics—First quarter 1937.*—Following are vital statistics for Egypt for the first quarter of 1937:

Number of live births.....	56, 855
Live births per 1,000 inhabitants.....	48. 9
Number of stillbirths.....	1, 115
Number of deaths.....	27, 531
Deaths per 1,000 inhabitants.....	23. 7
Deaths under 1 year of age.....	6, 905
Deaths under 1 year of age per 1,000 live births.....	121

#### LATVIA

*Vital statistics—Year 1936.*—Following are vital statistics for Latvia for the year 1936:

Population.....	1, 950, 502
Marriages.....	16, 550
Births.....	35, 468
Births per 1,000 population.....	18. 09
Deaths.....	27, 646
Deaths per 1,000 population.....	14. 10
Deaths under 1 year of age per 1,000 births.....	8. 01

#### UNION OF SOUTH AFRICA

*Natal—Durban—Undetermined outbreak involving paralysis.*—A report dated January 20, 1938, states that an outbreak of a disease in the form of a paralysis has occurred in Durban, where 36 cases have been reported. Every member of the vessel *Jean L D* that visited Durban in October 1937 has been afflicted. The disease is stated to be of low virulence.

#### VIRGIN ISLANDS

*Notifiable diseases—October–December 1937.*—During the months of October, November, and December, 1937, certain notifiable diseases were reported in the Virgin Islands as follows:

Disease	October	November	December	Disease	October	November	December
Diphtheria.....		2		Pellagra.....	1	1	1
Filariasis.....	1			Pneumonia.....	5	2	3
Gonorrhoea.....	16	14	18	Schistosomiasis.....	1	2	4
Hookworm disease.....	1	3	11	Syphilis.....	10	6	18
Leprosy.....	1			Tetanus.....		1	2
Malaria.....		12	30	Tuberculosis.....	2	2	4

**CHOLERA, PLAGUE, SMALLPOX, TYPHUS FEVER, AND YELLOW FEVER**

NOTE.—A table giving current information of the world prevalence of quarantinable diseases appeared in the PUBLIC HEALTH REPORTS for January 28, 1938, pages 144-159. Similar cumulative tables will appear in future issues of the PUBLIC HEALTH REPORTS for the last Friday of each month.

**Cholera**

*China—Hong Kong.*—During the week ended January 15, 1938, 1 case of cholera was reported in Hong Kong, China.

*Dutch East Indies—Celebes—Macassar.*—During the week ended January 15, 1938, 1 case of cholera was reported in Macassar, Celebes, Dutch East Indies.

*India (French)—Pondichery Territory.*—During the week ended December 18, 1937, 1 case of cholera was reported in Pondichery Territory, French India.

*Indochina (French).*—During the week ended January 15, 1938, 12 cases of cholera were reported in Annam Province, and 7 cases of cholera in Tonkin Province, French Indochina.

**Plague**

*Bolivia—Tarija Department.*—A report dated January 25, 1938, states that 50 cases of bubonic plague have occurred in Tarija Department, Bolivia.

*Ecuador—Guayas Province—Colimes.*—During the week ended January 8, 1938, 1 case of plague was reported in Colimes, Guayas Province, Ecuador.

*Hawaii Territory—Island of Hawaii—Hamakua District—Paauhau Sector.*—A rat found on January 14, 1938, one rat found on January 15, and another rat found on January 17, 1938, in Paauhau Sector, Hamakua District, Island of Hawaii, Hawaii Territory, have been found plague infected.

**Smallpox**

*China—Canton—Hong Kong.*—From December 1, 1937, to February 1, 1938, 65 cases of smallpox have been reported from one hospital in the city of Canton.

During the week ended January 25, 1938, 75 cases of smallpox with a mortality of 70 percent were reported in Hong Kong, China.

*Venezuela—Puerto Cabello.*—A report dated January 10, 1938, states that 16 cases of smallpox (alastrim) were unofficially reported in Puerto Cabello, Venezuela.

**Typhus Fever**

*Sierra Leone.*—On December 4, 1937, 1 case of typhus fever was reported in Sierra Leone.

**Yellow Fever**

*Brazil—Santa Catharina State—Joinville.*—On December 2, 1937, 1 death from yellow fever was reported in Joinville, Santa Catharina State, Brazil.

*Colombia.*—Yellow fever has been reported in Colombia as follows: Boyaca Department—Muzo, 1 death on December 13, 1937; Santander Department—Puerto Wilches, 1 death on December 21, 1937.

*Dahomey—Cotonou.*—During the period December 11–20, 1937, 5 suspected cases of yellow fever were reported in Cotonou, Dahomey.

*Gambia—Georgetown.*—On January 10, 1938, 1 suspected case of yellow fever was reported in Georgetown, Gambia.

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